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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5

RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) PERMIT

Facility Name and Location : Clean Harbors Services, Incorporated
11800 South Stony Island Avenue
Chicago, Illinois 60617

Owner(s): Illinois International Port District and
Clean Harbors Services, Incorporated.

Operator(s): Clean Harbors Services, Incorporated

U.S. EPA Identification Number: ILD 000 608 471

Effective Date: _____

Expiration Date: November 4, 2003

Authorized Activities:

Pursuant to the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act (RCRA) of 1976, and the Hazardous and Solid Waste Amendments (HSWA) of 1984, (42 U.S.C. § 6901, et seq.), and regulations promulgated thereunder by the United States Environmental Protection Agency (U.S. EPA) (codified in Title 40 of the Code of Federal Regulations (40 CFR)), ***modifications to the Federal portion of the RCRA permit*** are issued to Clean Harbors Services, Incorporated, operator, and Illinois International Port District, owner, (hereinafter called the Permittees), for the facility located at 11800 South Stony Island Ave., Chicago, Illinois.

Permit Approval

The Permittees must comply with all terms and conditions of the Federal portion of the RCRA permit. The Federal portion of the RCRA permit contains both the effective Federal permit conditions that became effective on November 3. 1993 and the permit conditions contained in this modification, as well as any previous modifications to the Federal portion of the RCRA permit.

This permit modification is based on the assumption that the information submitted in support of the permit modification is accurate. Any inaccuracies found in this information may be grounds for the termination, revocation and reissuance, or further modification of this permit (see 40 CFR §§ 270.41, 270.42, and 270.43) and potential enforcement action. The Permittees must inform the U.S. EPA of any deviation from or changes in the information submitted in support of the modification as soon as the Permittees become aware of such deviation or changes.

Opportunity to Appeal:

Petitions for review must be submitted within 30 days after service of notice of the final permit modification decision. Any person who filed comments on the draft permit modification, or participated in the public hearing may petition the Environmental Appeals Board to review any condition of the permit modification decision. Any person who failed to file comments or failed to participate in the public hearing on the draft permit modification may petition for administrative review only to the extent of the changes from the draft permit modification to the final permit modification decision. The procedures for permit appeals are found in 40 CFR§ 124.19.

Effective Date:

This permit is effective as of _____, unless a review is requested under 40 CFR § 124.19, and shall remain in effect until November 4, 2003, unless revoked and reissued, or terminated (40 CFR §§ 270.41 and 270.43), or continued in accordance with 40 CFR § 270.51.

BY: _____ DATE: _____

Robert Springer, Director
Waste, Pesticides and Toxics Division

Clean Harbors Service, Incorporated and
Illinois International Port District
Chicago, Illinois

RCRA Permit Index

PERMIT CONDITIONS

(Note: The regulatory citations in parentheses are incorporated by reference.)

I. STANDARD CONDITIONS

A. EFFECT OF PERMIT (40 CFR 270.4 and 270.30(g))

The Permittees are allowed to manage hazardous waste in accordance with the conditions of the RCRA permit. Any management of hazardous waste not authorized in the RCRA permit is prohibited.

Compliance with the RCRA permit during its term constitutes compliance, for the purposes of enforcement, with Subtitle C of RCRA, except for those requirements not included in the permit which become effective by statute, or which are promulgated under 40 CFR Part 268, restricting the placement of hazardous waste in or on the land. Issuance of this permit does not convey property rights of any sort or any exclusive privilege; nor does it authorize any injury to persons or property, any invasion of other private rights, or any infringement of State or local law or regulations. Compliance with the terms of this permit does not constitute a defense to any order issued or any action brought under Sections 3008(a), 3008(h), 3013, or 7003 of RCRA; Sections 104, 106(a), or 107 of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended (42 U.S.C. §9601 et seq., commonly known as CERCLA); or any other law providing for protection of public health or the environment.

B. PERMIT ACTIONS (40 CFR 270.30(f))

This permit may be modified, revoked and reissued, or terminated for cause as specified in 40 CFR 270.41, 270.42, and 270.43. This permit may also be reviewed and modified by the U.S. EPA, consistent with 40 CFR 270.41, to include any terms and conditions determined necessary to protect human health and the environment pursuant to Section 3005(c)(3) of RCRA. The filing of a request for a permit modification, revocation and reissuance, or termination, or the notification of planned changes, or anticipated noncompliance on the part of the Permittees does not stay the applicability or enforceability of any permit condition. The Permittees shall not perform any construction associated with a Class 3 permit modification request until such modification request is approved and the permit modification becomes effective.

C. SEVERABILITY (40 CFR 124.16)

The provisions of this permit are severable, and if any provision of this permit, or if the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances and the remainder of this permit shall not be affected thereby.

D. DUTIES AND REQUIREMENTS

1. Duty to Comply. (40 CFR 270.30(a))

The Permittees shall comply with all conditions of this permit, except to the extent and for the duration such noncompliance is authorized by an emergency permit (See 40 CFR 270.61). Any permit noncompliance, other than noncompliance authorized by an emergency permit, constitutes a violation of RCRA and HSWA and is grounds for enforcement action, permit termination, revocation and reissuance, modification, denial of a permit renewal application, or other appropriate action.

2. Duty to Reapply. (40 CFR 270.30 (b) and 40 CFR 270.10(h))

The Permittees shall submit a complete application for a new permit at least 180 days before this permit expires unless: a) the Permittees no longer wish to operate a hazardous waste management facility; b) the Permittees are no longer required to have a RCRA permit; or c) permission for a later date has been granted by the Regional Administrator. The Regional Administrator shall not grant permission for applications to be submitted later than the expiration date of the existing permit.

3. Permit Expiration. (40 CFR 270.13, 270.14, 270.50, and 270.51)

This permit and all conditions herein shall be effective for a fixed term not to exceed 10 years, and will remain in effect beyond the permit's expiration date only if the Permittees have submitted a timely, complete application (per 40 CFR 270.10 and applicable sections of 270.14 through 270.29): a) to both the U.S. EPA and the State; and b) through no fault of the Permittees, the Regional Administrator and the State have not issued a new permit, as set forth in 40 CFR 270.51.

4. Need to Halt or Reduce Activity Not a Defense. (40 CFR 270.30(c))

It shall not be a defense for the Permittees in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

5. Duty to Mitigate. (40 CFR 270.30(d))

In the event of releases or noncompliance with the permit, the Permittees shall take all reasonable steps to minimize releases to the environment and shall carry out such measures as are reasonable to prevent significant adverse impacts on human health and the environment.

6. Proper Operation and Maintenance. (40 CFR 270.30(e))

The Permittees shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the Permittees to achieve compliance with the conditions of this permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality control/quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems only when necessary to achieve compliance with the conditions of the permit.

7. Duty to Provide Information. (40 CFR 270.30(h) and 264.74)

The Permittees shall furnish to the Regional Administrator, within the time designated by the Regional Administrator, any relevant information which the Regional Administrator may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The Permittees shall also furnish to the Regional Administrator, upon request, copies of records required to be kept by this permit.

8. Inspection and Entry. (40 CFR 270.30(i))

The Permittees shall allow the Regional Administrator, or an authorized representative, upon the presentation of credentials and other documents as may be required by law to:

a. Enter at reasonable times upon the Permittees' premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;

b. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;

c. Inspect, at reasonable times, any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and

d. Sample or monitor, at reasonable times, for the purposes of assuring permit compliance, or as otherwise authorized by RCRA, any substances or parameters at any location.

9. Monitoring and Recordkeeping. (40 CFR 270.30(j), 270.31, 264.73, and 264.74)

The Permittees shall retain all reports, records, or other documents, required by this permit, and records of all data used to complete the application for this permit, for a period of at least 3 years from the date of the reports, records or other documents. These periods may be extended by request of the Regional Administrator at any time and are automatically extended during the course of any unresolved enforcement action regarding this facility.

10. Reporting Planned Changes. (40 CFR 270.30(l)(1))

The Permittees shall give notice to the Regional Administrator of any planned physical alterations or additions to the permitted facility, as soon as possible, and at least 30 days before construction of such alteration or addition is commenced.

11. Anticipated Noncompliance. (40 CFR 270.30(l)(2))

The Permittees shall give advance notice to the Regional Administrator of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements. Such notice does not constitute a waiver of the Permittees' duty to comply with permit requirements.

12. Transfer of Permits. (40 CFR 270.30(l)(3), 270.40(a), and 264.12(c))

This permit may be transferred by the Permittees to a new owner or operator only after providing notice to the Regional Administrator and only if the permit is modified, or revoked and reissued, pursuant to 40 CFR 270.40(b), 270.41(b)(2), or 270.42(a). Before transferring ownership or operation of the facility during its operating life, the Permittees shall notify the new owner or operator in writing of the requirements of 40 CFR Parts 264, 268, and 270 (including all applicable corrective action requirements), and shall provide a copy of the RCRA permit to the new owner or operator.

13. Compliance Schedules. (40 CFR 270.30(l)(5) and 270.33)

Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted to the Regional Administrator no later than 14 days following each scheduled date.

14. Twenty-four Hour Reporting. (40 CFR 270.30(l)(6) and 270.33)

The Permittees shall report to the Regional Administrator any noncompliance with this permit which may endanger human health or the environment. Any such information shall be reported orally within 24 hours from the time the Permittees become aware of the circumstances. This report shall include the following:

a. Information concerning the release of any hazardous waste which may endanger public drinking water supplies; and

b. Information concerning the release or discharge of any hazardous waste, or of a fire or explosion at the facility, which could threaten the environment or human health outside the facility. The description of the occurrence and its cause shall include:

(1) Name, address, and telephone number of the owner or operator;

(2) Name, address, and telephone number of the facility;

(3) Date, time, and type of incident;

(4) Name and quantity of material(s) involved;

(5) The extent of injuries, if any;

(6) An assessment of actual or potential hazard to the environment and human health outside the facility, where this is applicable; and

(7) Estimated quantity and disposition of recovered material that resulted from the incident.

A written submission shall also be provided within 5 days of the time the Permittees become aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period(s) of noncompliance (including exact dates and times); steps taken to minimize impact on the environment; whether the noncompliance has been corrected, and if not, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate and prevent recurrence of the noncompliance. The Permittees need not comply with the 5-day written notice requirement if the Regional Administrator waives the requirement. Upon waiver of the 5-day requirement, the Permittees shall submit a written report within 15 days of the time the Permittees become aware of the circumstances.

15. Other Noncompliance. (40 CFR 270.30(l)(10))

The Permittees shall report all other instances of noncompliance not otherwise required to be reported above within 15 days of when the Permittees become aware of the noncompliance. The reports shall contain the information listed in Condition I.D.14.

16. Other Information. (40 CFR 270.30(l)(11))

Whenever the Permittees become aware that they failed to submit any relevant facts, or submitted incorrect information to the Regional Administrator in the permit application or in any reports, records, or other documentation provided to the Regional Administrator, the Permittees shall promptly submit such facts or information.

17. Submittal of Reports or Other Information. (40 CFR 270.30(l)(7), (8), and (9), and 270.31)

All reports or other information required to be submitted pursuant to this permit shall be sent to:

Waste Management Branch, **DW-8J**
U.S. EPA, Region 5
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

Attention: **Technical Support & Permits Section**

18. All other requirements contained in RCRA, as amended, and in 40 CFR 270.30 not set forth herein are hereby fully incorporated in this permit.

E. SIGNATORY REQUIREMENT (40 CFR 270.30(k))

All reports or other information submitted to or requested by the Regional Administrator, his designee, or authorized representative, shall be signed and certified as required by 40 CFR 270.11.

F. CONFIDENTIAL INFORMATION

In accordance with 40 CFR 270.12 and 40 CFR Part 2, Subpart B, any information submitted to the U.S. EPA pursuant to this permit may be claimed as confidential by the submitter. Any such claim must be asserted at the time of submission in the manner prescribed on the application form or instructions, or, in the case of other submissions, by marking the words "Confidential Business Information" on each page containing such information.

If no claim is made at time of submission, the U.S. EPA may make the information available to the public without further notice. If a claim is asserted, the information will be treated in accordance with the procedures in 40 CFR Part 2.

G. DOCUMENTS TO BE MAINTAINED AT THE FACILITY

The Permittees shall maintain at the facility, until closure is completed and certified by an independent registered professional engineer, all items required by 40 CFR 264.73, including the following documents and all amendments, revisions, and modifications to these documents:

1. Waste Analysis Plan, as required by 40 CFR 264.13 and this permit;

2. Operating Record, as required by 40 CFR 264.73 and this permit;

3. Notifications from generators accompanying each incoming shipment of wastes subject to 40 CFR Part 268, Subpart C, that specify treatment standards, as required by 40 CFR 264.73, 268.7, and this permit; and

4. Records regarding closed-vent systems and control devices and/or equipment leaks as required by 40 CFR 264.1035, 264.1064, and 264.73, and Condition IV.C. of this permit.

II. LAND DISPOSAL REQUIREMENTS

The Permittees shall comply with the following Conditions to the extent that ~~the~~ parallel Conditions of the State-issued portion of the RCRA permit were not issued under the authorized authority of the RCRA.

A. GENERAL CONDITIONS

1. The Permittees shall comply with all the applicable self-implementing requirements of 40 CFR Part 268 and all applicable land disposal requirements which become effective by statute (Section 3004 of RCRA).

2. A mixture of any restricted waste with nonrestricted waste(s) is a restricted waste under 40 CFR Part 268.

3. The Permittees shall not in any way dilute a restricted waste or the residual from treatment of a restricted waste as a substitute for adequate treatment to achieve compliance with 40 CFR Part 268, Subpart D, to circumvent the effective date of a prohibition in 40 CFR Part 268, Subpart C, to otherwise avoid a prohibition in 40 CFR Part 268, Subpart C, or to circumvent a land disposal prohibition imposed by Section 3004 of RCRA.

4. The Permittees shall prepare and maintain a current list of the hazardous waste codes handled by the facility that are identified in 40 CFR 268, Subparts B and C. The list shall include all waste codes handled by the facility, and any associated treatment standards, and shall be updated through the inclusion of new treatment standards, as promulgated or amended. This list shall be provided to the U.S. EPA representatives, or their designees, upon request.

5. **The Permittees shall not dilute metal-bearing wastes (listed in Appendix XI of 40 CFR Part 268) during-fuel to be used in combustion facilities, blending operations), unless you demonstrate that the waste complies with one or more of the criteria specified in 40 CFR § 268.3(c).**

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B. TESTING AND RELATED REQUIREMENTS

1. The Permittees must test, in accordance with 40 CFR 268.7(a), any waste generated at the facility, or use knowledge of the waste, to determine if the waste is restricted from land disposal.

2. For restricted wastes with treatment standards expressed as concentrations in the waste extract, as specified in 40 CFR 268.41, the Permittees shall test the wastes or waste residues, or extracts of such residues developed using the test methods described in Appendix II of 40 CFR Part 261 (Toxicity Characteristic Leaching Procedure, or TCLP) to assure that the wastes or waste treatment residues or extracts meet the applicable treatment standards of 40 CFR Part 268, Subpart D. Such testing shall be performed as required by 40 CFR 264.13.

3. A restricted waste for which a treatment technology is specified under 40 CFR 268.42(a) may be land disposed after it is treated using that specified technology or an equivalent treatment method approved by the Administrator under the procedures set forth in 40 CFR 268.42(b).

4. For restricted wastes with treatment standards expressed as concentrations in the waste, as specified in 40 CFR 268.43, the Permittees shall test the wastes or treatment residues (not extract of such residues) to assure that the wastes or waste treatment residues meet the applicable treatment standards of 40 CFR Part 268, Subpart D. Such testing shall be performed as required by 40 CFR 264.13.

5. The Permittees shall comply with all the applicable notification, certification, and recordkeeping requirements described in 40 CFR 268.7(a) and (b).

C. STORAGE PROHIBITIONS

1. The Permittees shall comply with all the applicable prohibitions on storage of restricted wastes specified in 40 CFR Part 268, Subpart E.

2. Except as otherwise provided in 40 CFR 268.50, the Permittees may store restricted wastes in tanks and containers solely for the purpose of the accumulation of such quantities of hazardous wastes as necessary to facilitate proper recovery, treatment, or disposal provided that:

   a. Each container is clearly marked to identify its contents and the date each period of accumulation begins; and

b. Each tank is clearly marked with a description of its contents, the quantity of each hazardous waste received, and the date each period of accumulation begins, or such information for each tank is recorded and maintained in the operating record at that facility.

3. The Permittees may store restricted wastes for up to 1 year unless the U.S. EPA or its authorized agent can demonstrate that such storage was not solely for the purpose of accumulating such quantities of hazardous waste as are necessary to facilitate proper recovery, treatment or disposal.

4. The Permittees may store restricted wastes beyond 1 year; however, the Permittees bear the burden of proving that such storage was solely for the purpose of accumulating such quantities of hazardous waste as are necessary to facilitate proper recovery, treatment or disposal.

5. The Permittees shall not store any liquid hazardous waste containing polychlorinated biphenyls (PCBs) at concentrations greater than or equal to 50 ppm unless the waste is stored in a storage facility that meets the requirements of 40 CFR 761.65(b). This waste must be removed from storage and treated or disposed as required by 40 CFR Part 268 within 1 year of the date when such wastes are first put into storage. Condition II.C.4. above, that allows storage for over 1 year with specified demonstration, does not apply to PCB wastes prohibited under 40 CFR 268.32.

III. AIR EMISSION STANDARDS (40 CFR Part 264, Subpart CC)

The Permittee is responsible for ensuring that the following conditions are met:

A. WASTE DETERMINATION

Waste determination procedures for: average volatile organic (VO) concentration of a hazardous waste at the point of origination; treated hazardous waste; and the maximum organic vapor pressure of a hazardous waste in tanks; shall be in accordance with 40 CFR § 264.1083.

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The waste determination may be waived if all hazardous wastes are treated as if they contain an average volatile organic concentration of 500 parts per million and greater by weight (ppmw) and the Subpart CC rule applies to all containers and tanks, except those exempted under 40 CFR § 264.1080.

B. GENERAL STANDARDS FOR TANKS AND CONTAINERS

The Permittees shall comply with with all applicable requirements of Title 40 CFR Part 264, Subpart CC, regarding air emission standards for tanks and containers.

Under this permit, you must demonstrate, by direct measurement or approved method, that for each tank or container you claim to be exempt under Subpart CC, the average VO concentration for hazardous waste, determined in accordance with 40 CFR §§ 264.1083(a) and 265.1084(a)(2) and (3), is less than 500 ppmw. For each tank or container, you must review and update this determination in accordance with 40 CFR § 264.1802(c)(1) at least once every 12 months following the date of the initial determination. For each tank or container, you must prepare and maintain the records described in 40 CFR § 264.1089(f). These records must be maintained as part of the operating record.

C. ROLL-OFF CONTAINERS STORAGE AREA

1. The Permittees shall equip the roll-off container with a cover and a closure device to form a continous barrier over the container openings. The cover will remain closed and secure at all times except when adding and removing waste or other materials.

2. The Permittees shall implement an organic capturing system from: (1) the metal wash system; (2) sludge collection drum area; and (3) all material conveying systems.

3. The collected air stream shall be directed to a carbon adsorption system, designed to capture organic emissions in accordance to 40 CFR § 264.1033. The system shall be designed and constructed based on good engineering practices. The efficiency of the new system shall be tested in accordance with 40 CFR § 264.1032.

D. VENTILATION AND METAL CLEANING SUPPLEMENTAL ENVIRONMENTAL PROJECT

1. The Permittees shall ~~proceed to~~ design, construct, test, and place into operation a revised processing system. The conceptual design description referenced ~~by~~ in attachment 32, entitled "Design Analysis of Air Pollution Control System Chicago Facility Flammable Tank Farm & Metal Wash System, and Fuel Blending/Shredding Tower System" hereinafter referred to as the "Project," shall be used as the basis of design.

2. The Permit shall include, but not be limited to: (1) tandem drum shredders and magnetic separators; (2) enclosed conveyors and transfer chutes; (3) solid lugger bin and enclosure; (4) contaminated air filter box; (5) ventilation ductwork; and (6) instrumentation and control.

3. The organic concentration in the transport ductwork shall not exceed 50% of the Lower Explosion Limit (LEL) based on the concentration of the organic constituents in the air stream. Provisions shall be incorporated into the design and maintained in accordance with the procedures recommended by the suppliers.

4. The filter box shall ~~have~~ achieve a dust removal efficiency of 85% based on either the ASTM or NBS Atmospheric Dust Test Method and shall be monitored by pressure drop through the filter. The filter may be permanent or disposable and shall be maintained or replaced as necessary to ensure that pressure drop through the filter will not exceed the design set point.

E. DRUM ELEVATOR AND SHREDDER

1. The drum package unit, the primary shredders with hydraulic ram, and the secondary shredder and rotary magnetic separator unit shall be totally enclosed and shall be maintained at a slightly negative pressure, except when they are down for service.

2. The conveyor/drum lift (401) outside the building shall have a steel pan below the unit and shall comply with requirements as stipulated in 40 CFR § 264.175, 40 CFR § 264.193, 40 CFR § 264.195, and 40 CFR § 264.196.

3. Inert gas shall be supplied to the enclosure to maintain an oxygen deficient environment inside the enclosure to eliminate explosion potential.

4. Temperature and pressure shall be continuously monitored and recorded. The fire/explosion suppression system shall be installed to prevent any fire/explosion hazards resulting from shredding of metal drums.

5. If the Permittees propose changes to the Project to improve the air emission control design, the changes must be approved by the Regional Administrator. The Permittees must follow the permit modification procedures found in 40 CFR § 270.42.

F. HYDRAPULPER AND VIBRATORY SCREEN

1. The emission control from hydrapulper and the vibratory screen shall include a vent from the hydrapulper and a vent over the vibratory screen.

2. The closed vents system shall be connected to a blower for discharging the contaminated air into the Carbon Absorption System.

G. CLOSED VENT SYSTEM AND CONTROL DEVICES (Carbon Absorption)

1. The closed vent systems and control devices shall comply with the requirements ~~as stipulated~~ in 40 CFR § 264.1087. A closed vent system shall meet the requirements of 40 CFR § 264.1033(k).

2. The Carbon Absorption System shall have a minimum functional availability of 95%, including downtime for routine maintenance.

3. The Carbon Absorption System shall have a minimum destruction and removal efficiency of 95%, in accordance with 40 CFR § 264.1033(c).

4. The two-bed Carbon Absorption System shall be monitored each day by a flame ionization detector to demonstrate ~~demonstrating~~ that the units are operating in accordance with procedures referenced in Method 21 (40 CFR Part 60).

5. After the Carbon Absorption System beds are spent, the beds will be shipped to a TSD facility or sent to a approved facility for regeneration. All carbon removed from the control devices shall be disposed in accordance with 40 CFR § 264.1034.

6. The closed vent system shall not include any bypass devices that could be used to divert the gas or vapor stream to the atmosphere before entering the control device.

7. A flow-indicating sensor will be installed in each closed-vent system and monitored once each hour to record and verify that the negative pressure is being maintained in each closed vent during operation.

H. REMOVAL AND DISPOSAL OF THE DISCARDED EQUIPMENT AND APPURTENANCES

The Permittees shall submit to the Regional Administrator for approval a plan consisting of decontamination, removal, and final disposition of all equipment and appurtenances in conjunction with implementation of the Project.

I. DESIGN CHANGES TO THE PROJECT

Conditions III, D, E, and F may be modified by the Regional Administrator, if the Permittees proposes changes to the Project to improve the air emission control design and these changes must be approved by the Regional Administrator. The Permittees must follow the permit modification procedures found in 40 CFR § 270.42.

J. RECORDKEEPING AND REPORTING

The Permittees shall comply with all applicable recordkeeping and reporting requirements described in 40 CFR § 264.1089 and § 264.1090.

K. NOTIFICATION OF REGULATED ACTIVITY

The Permittees shall notify the Regional Administrator of any waste management units which become subject to the requirements of 40 CFR Part 264, Subpart CC, within 30 days of startup of the regulated activity.

L. DUTY TO COMPLY WITH FUTURE REQUIREMENTS

The Permittees shall comply with all self-implementing provisions of any future air regulations promulgated under the provisions of Section 3004(n) of RCRA, as amended by HSWA.

IV. OTHER FEDERAL RCRA REQUIREMENTS

1. The Permittees shall comply with any applicable requirements of 40 CFR Subparts AA and BB regarding air emission standards for process vents and equipment leaks, which the State of Illinois has not been authorized to administer. This provision applies to requirements

2. In addition to the waste codes listed in the State-issued portion of the RCRA permit, the Permittees may handle the newly listed hazardous wastes promulgated under the HSWA at your facility. All handling of these waste codes must comply with the applicable provisions of both the State-issued portion and the Federally-issued portion of the RCRA permit.

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WASTE MANAGEMENT BRANCH

SECRETARY	SECRETARY	SECRETARY	SECRETARY	SECRETARY	SECRETARY
TYPIST/ AUTHOR	CORRECTIVE ACTION SECTION CHIEF	TECH.SUPPO RT&PERMITS SECTION CHIEF	POL.PREV.& SPEC.INTIV SEC. CHIEF	WMB BRANCH CHIEF	WPTD DIVISION DIRECTOR

AD ORC 3/16
w/ corrections

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

REPLY TO THE ATTENTION OF:

DW-8J

CERTIFIED MAIL:7099 3400 0000 9598 7040
RETURN RECEIPT REQUESTED

February 25, 2005

Mr. Anthony Ianello
Illinois International Port District
Executive Director
3600 East 95th Street
Chicago, IL 60617

RE: Draft Federal Permit
Clean Harbors Services Inc.
ILD 000 608 471

Dear Mr. Ianello:

The United States Environmental Protection Agency (U.S. EPA) has enclosed a copy of the draft federal portion of the Resource Conservation and Recovery Act (RCRA) permit for your review. The draft permit is based on the information you provided to us and the related documents contained in our administrative record.

The federal portion of the RCRA permit contains those provisions and conditions required pursuant to the Hazardous and Solid Waste Amendments of 1984 (HSWA) to RCRA. Please read the draft federal permit carefully as failure to meet any portion of the final permit could result in civil and/or criminal penalties.

Under the provisions of Title 40 of the Code of Federal Regulations (40 CFR), Part 124, the draft permit and the administrative record must be publicly noticed and made available for public review. You may review the administrative record log, public notice, permit information, and the fact sheet at the U.S. EPA office, 77 West Jackson Boulevard, Chicago, IL 60604. The public comment period began on February 25, 2005 and ends on April 11, 2005.

Draft Federal Permit

File: CHES-dPmt (draft permit letter to Facility)
Jim Blough

WASTE MANAGEMENT BRANCH

SECRETARY	SECRETARY	SECRETARY	SECRETARY	SECRETARY	SECRETARY
	DD 1/x/05				
TYPIST/ AUTHOR	TECH.SUPP/ PERMITS SECTION CHIEF	CORRECTIVE ACTION SECTION CHIEF	POL.PREV.& SPEC.INTIV SEC. CHIEF	WMB BRANCH CHIEF	WPTD DIVISION DIRECTOR

2/23/05

Draft Permit
Clean Harbord ILD 000 608 471
Chicago, IL
Jim Blough November 7,2004

C:\clean harbor\

WASTE MANAGEMENT BRANCH

SECRETARY	SECRETARY	SECRETARY	SECRETARY
	DD 1/11/05		
TYPIST/ AUTHOR	TECH.SUPPORT&PERMITS SECTION CHIEF	WMB BRANCH CHIEF	WPTD DIVISION DIRECTOR

RCRA Draft Permit Sign-off

Background

Facility Name (Owner)..... Illinois International Port District
(Operator)... Clean Harbors Services
Facility Location..... 11800 South Stony Island Ave
Chicago IL 60617

Facility ID Number..... ILD 000 608 471
Public Comment Period.....

Type of Permit

__Operating __✓Treatment __✓Disposal **Modifications:**
__Post-Closure __✓Storage __✓Subpart X __**Class 2** __**EPA Initiated**
__BIF __Incineration __Environmental Justice Memo __**Class 3**

Review Package Content

__Draft Permit w/attachments __Fact Sheet ✓Administrative Record Index
✓Draft Public Notice __Statement of Basis ✓Administrative Record
✓Cover Letter to Facility __Other (_____)

Applicable Permit Conditions

__Land Disposal Restrictions __Other (_____)
__Air Emissions
__CMI Imposed

Concurrences

	Initials	Date
1. Permit Writer (Name): Jim Blaney Phone Number: 6-2967	JB	1/11/05
2. Section Secretary	PSD	1/11/05
3. Technical Expert	WCH	1/2/05
4. Section Chief	HPC	2/8/05
5. ORC - Assistant Regional Counsel (Name): R. MIARAWSKI w/comments - Permit Coordinator (Name): TOM NASH - Chief (Name): ~~CATHERINE FOX~~	RM w/ comments TCN	2-14-05 2-16-05
6. ~~IMS (in PMB) [Sign-off only if public-noticing will be done by the U.S. EPA. Cross out if not applicable.]~~		
7. WMB Chief		2/23/05

Date: _____ Comment: _____

ILD 000608471

Clean Harbors Services, Incorporated and
Illinois International Port District
Chicago, Illinois

RCRA Permit Index

PERMIT CONDITIONS

(Note: The regulatory citations in parentheses are incorporated by reference.)

I. STANDARD CONDITIONS

A. EFFECT OF PERMIT (40 CFR 270.4 and 270.30(g))

The Permittees are allowed to manage hazardous waste in accordance with the conditions of the RCRA permit. Any management of hazardous waste not authorized in the RCRA permit is prohibited.

Compliance with the RCRA permit during its term constitutes compliance, for the purposes of enforcement, with Subtitle C of RCRA, except for those requirements not included in the permit which become effective by statute, or which are promulgated under 40 CFR Part 268, restricting the placement of hazardous waste in or on the land. Issuance of this permit does not convey property rights of any sort or any exclusive privilege; nor does it authorize any injury to persons or property, any invasion of other private rights, or any infringement of State or local law or regulations. Compliance with the terms of this permit does not constitute a defense to any order issued or any action brought under Sections 3008(a), 3008(h), 3013, or 7003 of RCRA; Sections 104, 106(a), or 107 of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended (42 U.S.C. §9601 et seq., commonly known as CERCLA); or any other law providing for protection of public health or the environment.

B. PERMIT ACTIONS (40 CFR 270.30(f))

This permit may be modified, revoked and reissued, or terminated for cause as specified in 40 CFR 270.41, 270.42, and 270.43. This permit may also be reviewed and modified by the U.S. EPA, consistent with 40 CFR 270.41, to include any terms and conditions determined necessary to protect human health and the environment pursuant to Section 3005(c)(3) of RCRA. The filing of a request for a permit modification, revocation and reissuance, or termination, or the notification of planned changes, or anticipated noncompliance on the part of the Permittees does not stay the applicability or enforceability of any permit condition. The Permittees shall not perform any construction associated with a Class 3 permit modification request until such modification request is approved and the permit modification becomes effective.

C. SEVERABILITY (40 CFR 124.16)

The provisions of this permit are severable, and if any provision of this permit, or if the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances and the remainder of this permit shall not be affected thereby.

D. DUTIES AND REQUIREMENTS

1. Duty to Comply. (40 CFR 270.30(a))

The Permittees shall comply with all conditions of this permit, except to the extent and for the duration such noncompliance is authorized by an emergency permit (See 40 CFR 270.61). Any permit noncompliance, other than noncompliance authorized by an emergency permit, constitutes a violation of RCRA and HSWA and is grounds for enforcement action, permit termination, revocation and reissuance, modification, denial of a permit renewal application, or other appropriate action.

2. Duty to Reapply. (40 CFR 270.30(b) and 40 CFR 270.10(h))

The Permittees shall submit a complete application for a new permit at least 180 days before this permit expires unless: a) the Permittees no longer wish to operate a hazardous waste management facility; b) the Permittees are no longer required to have a RCRA permit; or c) permission for a later date has been granted by the Regional Administrator. The Regional Administrator shall not grant permission for applications to be submitted later than the expiration date of the existing permit.

3. Permit Expiration. (40 CFR 270.13, 270.14, 270.50, and 270.51)

This permit and all conditions herein shall be effective for a fixed term not to exceed 10 years, and will remain in effect beyond the permit's expiration date only if the Permittees have submitted a timely, complete application (per 40 CFR 270.10 and applicable sections of 270.14 through 270.29): a) to both the U.S. EPA and the State; and b) through no fault of the Permittees, the Regional Administrator and the State have not issued a new permit, as set forth in 40 CFR 270.51.

4. Need to Halt or Reduce Activity Not a Defense. (40 CFR 270.30(c))

It shall not be a defense for the Permittees in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

5. Duty to Mitigate. (40 CFR 270.30(d))

In the event of releases or noncompliance with the permit, the Permittees shall take all reasonable steps to minimize releases to the environment and shall carry out such measures as are reasonable to prevent significant adverse impacts on human health and the environment.

6. Proper Operation and Maintenance. (40 CFR 270.30(e))

The Permittees shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the Permittees to achieve compliance with the conditions of this permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality control/quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems only when necessary to achieve compliance with the conditions of the permit.

7. Duty to Provide Information. (40 CFR 270.30(h) and 264.74)

The Permittees shall furnish to the Regional Administrator, within the time designated by the Regional Administrator, any relevant information which the Regional Administrator may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The Permittees shall also furnish to the Regional Administrator, upon request, copies of records required to be kept by this permit.

8. Inspection and Entry. (40 CFR 270.30(i))

The Permittees shall allow the Regional Administrator, or an authorized representative, upon the presentation of credentials and other documents as may be required by law to:

a. Enter at reasonable times upon the Permittees' premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;

b. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;

c. Inspect, at reasonable times, any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and

d. Sample or monitor, at reasonable times, for the purposes of assuring permit compliance, or as otherwise authorized by RCRA, any substances or parameters at any location.

9. Monitoring and Recordkeeping. (40 CFR 270.30(j), 270.31, 264.73, and 264.74)

The Permittees shall retain all reports, records, or other documents, required by this permit, and records of all data used to complete the application for this permit, for a period of at least 3 years from the date of the reports, records or other documents. These periods may be extended by request of the Regional Administrator at any time and are automatically extended during the course of any unresolved enforcement action regarding this facility.

10. Reporting Planned Changes. (40 CFR 270.30(1)(1))

The Permittees shall give notice to the Regional Administrator of any planned physical alterations or additions to the permitted facility, as soon as possible, and at least 30 days before construction of such alteration or addition is commenced.

11. Anticipated Noncompliance. (40 CFR 270.30(1)(2))

The Permittees shall give advance notice to the Regional Administrator of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements. Such notice does not constitute a waiver of the Permittees' duty to comply with permit requirements.

12. Transfer of Permits. (40 CFR 270.30(l)(3), 270.40(a), and 264.12(c))

This permit may be transferred by the Permittees to a new owner or operator only after providing notice to the Regional Administrator and only if the permit is modified, or revoked and reissued, pursuant to 40 CFR 270.40(b), 270.41(b)(2), or 270.42(a). Before transferring ownership or operation of the facility during its operating life, the Permittees shall notify the new owner or operator in writing of the requirements of 40 CFR Parts 264, 268, and 270 (including all applicable corrective action requirements), and shall provide a copy of the RCRA permit to the new owner or operator.

13. Compliance Schedules. (40 CFR 270.30(l)(5) and 270.33)

Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted to the Regional Administrator no later than 14 days following each scheduled date.

14. Twenty-four Hour Reporting. (40 CFR 270.30(l)(6) and 270.33)

The Permittees shall report to the Regional Administrator any noncompliance with this permit which may endanger human health or the environment. Any such information shall be reported orally within 24 hours from the time the Permittees become aware of the circumstances. This report shall include the following:

a. Information concerning the release of any hazardous waste which may endanger public drinking water supplies; and

b. Information concerning the release or discharge of any hazardous waste, or of a fire or explosion at the facility, which could threaten the environment or human health outside the facility. The description of the occurrence and its cause shall include:

(1) Name, address, and telephone number of the owner or operator;

(2) Name, address, and telephone number of the facility;

(3) Date, time, and type of incident;

(4) Name and quantity of material(s) involved;

(5) The extent of injuries, if any;

(6) An assessment of actual or potential hazard to the environment and human health outside the facility, where this is applicable; and

(7) Estimated quantity and disposition of recovered material that resulted from the incident.

A written submission shall also be provided within 5 days of the time the Permittees become aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period(s) of noncompliance (including exact dates and times); steps taken to minimize impact on the environment; whether the noncompliance has been corrected, and if not, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate and prevent recurrence of the noncompliance. The Permittees need not comply with the 5-day written notice requirement if the Regional Administrator waives the requirement. Upon waiver of the 5-day requirement, the Permittees shall submit a written report within 15 days of the time the Permittees become aware of the circumstances.

15. Other Noncompliance. (40 CFR 270.30(1)(10))

The Permittees shall report all other instances of noncompliance not otherwise required to be reported above within 15 days of when the Permittees become aware of the noncompliance. The reports shall contain the information listed in Condition I.D.14.

16. Other Information. (40 CFR 270.30(1)(11))

Whenever the Permittees become aware that they failed to submit any relevant facts, or submitted incorrect information to the Regional Administrator in the permit application or in any reports, records, or other documentation provided to the Regional Administrator, the Permittees shall promptly submit such facts or information.

17. Submittal of Reports or Other Information. (40 CFR 270.30(1)(7), (8), and (9), and 270.31)

All reports or other information required to be submitted pursuant to this permit shall be sent to:

Waste Management Branch, DW-8J
U.S. EPA, Region 5
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

Attention: Technical Support & Permits Section

18. All other requirements contained in RCRA, as amended, and in 40 CFR 270.30 not set forth herein are hereby fully incorporated in this permit.

E. SIGNATORY REQUIREMENT (40 CFR 270.30(k))

All reports or other information submitted to or requested by the Regional Administrator, his designee, or authorized representative, shall be signed and certified as required by 40 CFR 270.11.

F. CONFIDENTIAL INFORMATION

In accordance with 40 CFR 270.12 and 40 CFR Part 2, Subpart B, any information submitted to the U.S. EPA pursuant to this permit may be claimed as confidential by the submitter. Any such claim must be asserted at the time of submission in the manner prescribed on the application form or instructions, or, in the case of other submissions, by marking the words "Confidential Business Information" on each page containing such information.

If no claim is made at time of submission, the U.S. EPA may make the information available to the public without further notice. If a claim is asserted, the information will be treated in accordance with the procedures in 40 CFR Part 2.

G. DOCUMENTS TO BE MAINTAINED AT THE FACILITY

The Permittees shall maintain at the facility, until closure is completed and certified by an independent registered professional engineer, all items required by 40 CFR 264.73, including the following documents and all amendments, revisions, and modifications to these documents:

1. Waste Analysis Plan, as required by 40 CFR 264.13 and this permit;

2. Operating Record, as required by 40 CFR 264.73 and this permit;

3. Notifications from generators accompanying each incoming shipment of wastes subject to 40 CFR Part 268, Subpart C, that specify treatment standards, as required by 40 CFR 264.73, 268.7, and this permit; and

4. Records regarding closed-vent systems and control devices and/or equipment leaks as required by 40 CFR 264.1035, 264.1064, and 264.73, and Condition III.G. of this permit.

II. LAND DISPOSAL REQUIREMENTS

A. GENERAL CONDITIONS

1. The Permittees shall comply with all the applicable self-implementing requirements of 40 CFR Part 268 and all applicable land disposal requirements which become effective by statute (Section 3004 of RCRA).

2. A mixture of any restricted waste with nonrestricted waste(s) is a restricted waste under 40 CFR Part 268.

3. The Permittees shall not in any way dilute a restricted waste or the residual from treatment of a restricted waste as a substitute for adequate treatment to achieve compliance with 40 CFR Part 268, Subpart D, to circumvent the effective date of a prohibition in 40 CFR Part 268, Subpart C, to otherwise avoid a prohibition in 40 CFR Part 268, Subpart C, or to circumvent a land disposal prohibition imposed by Section 3004 of RCRA.

4. The Permittees shall prepare and maintain a current list of the hazardous waste codes handled by the facility that are identified in 40 CFR 268, Subparts B and C. The list shall include all waste codes handled by the facility, and any associated treatment standards, and shall be updated through the inclusion of new treatment standards, as promulgated or amended. This list shall be provided to the U.S. EPA representatives, or their designees, upon request.

5. The Permittees shall not dilute metal-bearing wastes (listed in Appendix XI of 40 CFR Part 268) during the fuel blending operations, unless you demonstrate that the waste complies with one or more of the criteria specified in 40 CFR § 268.3(c).

B. TESTING AND RELATED REQUIREMENTS

1. The Permittees must test, in accordance with 40 CFR 268.7(a), any waste generated at the facility, or use knowledge of the waste, to determine if the waste is restricted from land disposal.

2. For restricted wastes with treatment standards expressed as concentrations in the waste extract, as specified in 40 CFR 268.41, the Permittees shall test the wastes or waste residues, or extracts of such residues developed using the test methods described in Appendix II of 40 CFR Part 261 (Toxicity Characteristic Leaching Procedure, or TCLP) to assure that the wastes or waste treatment residues or extracts meet the applicable treatment standards of 40 CFR Part 268, Subpart D. Such testing shall be performed as required by 40 CFR 264.13.

3. A restricted waste for which a treatment technology is specified under 40 CFR 268.42(a) may be land disposed after it is treated using that specified technology or an equivalent treatment method approved by the Administrator under the procedures set forth in 40 CFR 268.42(b).

4. For restricted wastes with treatment standards expressed as concentrations in the waste, as specified in 40 CFR 268.43, the Permittees shall test the wastes or treatment residues (not extract of such residues) to assure that the wastes or waste treatment residues meet the applicable treatment standards of 40 CFR Part 268, Subpart D. Such testing shall be performed as required by 40 CFR 264.13.

5. The Permittees shall comply with all the applicable notification, certification, and recordkeeping requirements described in 40 CFR 268.7(a) and (b).

C. STORAGE PROHIBITIONS

1. The Permittees shall comply with all the applicable prohibitions on storage of restricted wastes specified in 40 CFR Part 268, Subpart E.

2. Except as otherwise provided in 40 CFR 268.50, the Permittees may store restricted wastes in tanks and containers solely for the purpose of the accumulation of such quantities of hazardous wastes as necessary to facilitate proper recovery, treatment, or disposal provided that:

   a. Each container is clearly marked to identify its contents and the date each period of accumulation begins; and

b. Each tank is clearly marked with a description of its contents, the quantity of each hazardous waste received, and the date each period of accumulation begins, or such information for each tank is recorded and maintained in the operating record at that facility.

3. The Permittees may store restricted wastes for up to 1 year unless the U.S. EPA or its authorized agent can demonstrate that such storage was not solely for the purpose of accumulating such quantities of hazardous waste as are necessary to facilitate proper recovery, treatment or disposal.

4. The Permittees may store restricted wastes beyond 1 year; however, the Permittees bear the burden of proving that such storage was solely for the purpose of accumulating such quantities of hazardous waste as are necessary to facilitate proper recovery, treatment or disposal.

5. The Permittees shall not store any liquid hazardous waste containing polychlorinated biphenyls (PCBs) at concentrations greater than or equal to 50 ppm unless the waste is stored in a storage facility that meets the requirements of 40 CFR 761.65(b). This waste must be removed from storage and treated or disposed as required by 40 CFR Part 268 within 1 year of the date when such wastes are first put into storage. Condition II.C.4. above, that allows storage for over 1 year with specified demonstration, does not apply to PCB wastes prohibited under 40 CFR 268.32.

III. AIR EMISSION STANDARDS (40 CFR Part 264, Subpart CC)

A. WASTE DETERMINATION

Waste determination procedures for: (1) average volatile organic (VO) concentration of a hazardous waste at the point of origination, (2) treated hazardous waste, and (3) the maximum organic vapor pressure of a hazardous waste in tanks; shall be in accordance with 40 CFR § 264.1083.

The waste determination may be waived if all hazardous wastes are treated as if they contain an average volatile organic concentration of 500 parts per million and greater by weight (ppmw) and the Subpart CC rule applies to all containers and tanks, except those exempted under 40 CFR § 264.1080.

B. GENERAL STANDARDS FOR TANKS AND CONTAINERS

The Permittees shall comply with all applicable requirements of Title 40 CFR Part 264, Subpart CC, regarding air emission standards for tanks and containers.

Under this permit, you must demonstrate, by direct measurement or approved method, that for each tank or container you claim to be exempt under Subpart CC, the average VO concentration for hazardous waste, determined in accordance with 40 CFR §§ 264.1083(a) and 265.1084(a)(2) and (3), is less than 500 ppmw. For each tank or container, you must review and update this determination in accordance with 40 CFR § 264.1082(c)(1) at least once every 12 months following the date of the initial determination. For each tank or container, you must prepare and maintain the records described in 40 CFR § 264.1089(f). These records must be maintained as part of the operating record.

C. ROLL-OFF CONTAINERS STORAGE AREA

1. The Permittees shall equip the roll-off container with a cover and a closure device to form a continous barrier over the container openings. The cover must remain closed and secure at all times except when adding and removing waste or other materials.

2. The Permittees shall implement an organic capturing system from: (1) the metal wash system, (2) sludge collection drum area, and (3) all material conveying systems.

3. The collected air stream shall be directed to a carbon adsorption system, designed to capture organic emissions in accordance with 40 CFR § 264.1033. The system shall be designed and constructed based on good engineering practices. The efficiency of the new system shall be tested in accordance with 40 CFR § 264.1032.

D. VENTILATION AND METAL CLEANING SUPPLEMENTAL ENVIRONMENTAL PROJECT

1. The Permittees shall design, construct, test, and place into operation a revised processing system. The conceptual design description referenced in attachment 32, entitled "Design Analysis of Air Pollution Control System Chicago Facility Flammable Tank Farm & Metal Wash System, and Fuel Blending/Shredding Tower System" (hereinafter referred to as the "Project"), shall be used as the basis of design.

2. The Project shall include, but not be limited to: (1) tandem drum shredders and magnetic separators, (2) enclosed conveyors and transfer chutes, (3) solid lugger bin and enclosure, (4) ventilation ductwork and (5) instrumentation and control.

3. The organic concentration in the transport ductwork shall not exceed 50% of the Lower Explosion Limit (LEL) based on the concentration of the organic constituents in the air stream. Provisions shall be incorporated into the design and maintained in accordance with the procedures recommended by the suppliers.

E. DRUM ELEVATOR AND SHREDDER

1. The drum package unit, the dual shredders with hydraulic ram, and rotary magnetic separator unit shall be totally enclosed and shall be maintained at a slightly negative pressure, except when they are down for service.

2. The conveyor/drum lift outside the building shall at have a steel pan below the unit and shall comply with the requirements as stipulated in 40 CFR § 264.175, § 264.193, § 264.195, and § 264.196.

3. Inert gas shall be supplied to the enclosure to maintain an oxygen deficient environment inside the enclosure to eliminate explosion potential.

4. Temperature and pressure shall be continuously monitored and recorded. The fire/explosion suppression system shall be installed to prevent any fire/explosion hazards resulting from shredding of metal drums.

5. If the Permittees propose changes to the Project to improve the air emission control design, the changes must be approved by the EPA Region 5 Regional Administrator. The Permittees must follow the permit modification procedures found in 40 CFR § 270.42.

F. HYDRAPULPER AND VIBRATORY SCREEN

1. The emission control from hydrapulper and the vibratory screen shall include a vent from the hydrapulper and a vent over the vibratory screen.

2. The closed vents system shall be connected to a blower for discharging the contaminated air into the Carbon Absorption System.

G. CLOSED VENT SYSTEM AND CONTROL DEVICES (Carbon Absorption)

1. The closed vent systems and control devices shall comply with the requirements in 40 CFR § 264.1087. A closed vent system shall meet the requirements of 40 CFR § 264.1033(k).

2. The Carbon Absorption System shall have a minimum availability of 95%, including downtime for routine maintenance.

3. The Carbon Absorption System shall have a minimum destruction and removal efficiency of 95%, in accordance with 40 CFR § 264.1033(c).

4. The two-bed Carbon Absorption System shall be monitored each day by a flame ionization detector to demonstrate that the units are operating in accordance with procedures referenced in Method 21 (40 CFR Part 60).

5. After the Carbon Absorption System beds are spent, the beds shall be shipped, as a hazardous waste, to a RCRA permitted facility or sent to an approved facility for regeneration. All carbon removed from the control devices shall be disposed in accordance with 40 CFR § 264.1033.

6. The closed vent system shall not include any bypass devices that could be used to divert the gas or vapor stream to the atmosphere before entering the control device.

7. A flow-indicating sensor shall be installed in each closed-vent system and monitored once each hour to record and verify that the negative pressure is being maintained in each closed vent during operation.

H. REMOVAL AND DISPOSAL OF THE DISCARDED EQUIPMENT AND APPURTENANCES

The Permittees shall submit to the Regional Administrator for approval, a plan, consisting of decontamination, removal, and final disposition of all equipment and appurtenances in conjunction with implementation of the Project.

I. DESIGN CHANGES TO THE PROJECT

If the Permittees propose changes to the Project to improve the air emission control design, Conditions III. D, E, and F may be modified with the approval of the Regional Administrator or his or her delegate. The Permittees must follow the permit modification procedures found in 40 CFR § 270.42.

J. RECORDKEEPING AND REPORTING

The Permittees shall comply with all applicable recordkeeping and reporting requirements described in 40 CFR § 264.1089 and § 264.1090.

K. NOTIFICATION OF REGULATED ACTIVITY

The Permittees shall notify the Regional Administrator of any waste management units which become subject to the requirements of 40 CFR Part 264, Subpart CC, within 30 days of startup of the regulated activity.

L. DUTY TO COMPLY WITH FUTURE REQUIREMENTS

The Permittees shall comply with all self-implementing provisions of any future air regulations promulgated under the provisions of Section 3004(n) of RCRA, as amended by HSWA.

IV. OTHER FEDERAL RCRA REQUIREMENTS

1. The Permittees shall comply with any new requirements of 40 CFR Subparts AA and BB regarding air emission standards for process vents and equipment leaks which the State of Illinois has not been authorized to administer.

2. In addition to the waste codes listed in the State-issued portion of the RCRA permit, the Permittees may handle at your facility newly listed hazardous wastes promulgated under the HSWA. All handling of these waste codes must comply with the applicable provisions of both the State-issued portion and the Federally-issued portion of the RCRA permit.

Final Permit
Clean Harbord ILD 000 608 471
Chicago, IL
Jim Blough July 5,2001

C:\clean harbor\final permit info\final permit 7-5-01 correction

WASTE MANAGEMENT BRANCH

SECRETARY	SECRETARY	SECRETARY	SECRETARY	SECRETARY	SECRETARY
TYPIST/ AUTHOR	CORRECTIVE ACTION SECTION CHIEF	TECH.SUPPO RT&PERMITS SECTION CHIEF	POL.PREV.& SPEC.INTIV SEC. CHIEF	WMB BRANCH CHIEF	WPTD DIVISION DIRECTOR

RCRA DRAFT PERMIT SIGN-OFF

BACKGROUND

FACILITY NAME (Owner/Operator) CLEAN HARBORS OF CHICAGO, INC.

FACILITY LOCATION Chicago, Illinois ID NUMBER ILD000608471

TYPE OF PERMIT

X HSWA ___ Post-Closure ___ Class 3 Mod ___ Other _____

___ STORAGE ___ TREATMENT ___ BIF ___ DISPOSAL
___ Subpart X

REVIEW PACKAGE CONTENT

X Draft Permit w/Attachments
___ Draft Public Notice
X Fact Sheet/Statement of Basis
___ Facility Letter
X Administrative Record Index
___ Administrative Record
___ Other _____

APPLICABLE PERMIT CONDITIONS

X Land Disposal Restrictions
X Toxicity Characteristic
___ Waste Minimization
___ Corrective Action
X Air Emissions
___ Other _____

CONCURRENCES		**INITIALS**	**DATE**
1.	PERMIT WRITER Name: J. Rojo	JER	4/21/93
2.	SECTION SECRETARY	___	___
3.	SECTION CHIEF	[illegible]	4/22/93
4.	TECHNICAL EXPERT (if applicable)	___	___
5.	RPB SECRETARY (logged only)	LS	4/23/93

If U.S. EPA will be public noticing the draft permit, the package must go through PMB for sign-off. Please cross out if not applicable:

	RDS CHIEF	___	___
6.	ASST. REG. COUNSEL (ORC) Name: _____	___	___
7.	PERMIT COORDINATOR (ORC)	___	___
8.	SWERB SECTION CHIEF (ORC)	___	___
9.	RPB SECRETARY LS signed 4/26/93 - corrections made	LS	4/26/93
10.	RPB CHIEF	[illegible]	4/28/93
11.	OR SECRETARY	___	___
12.	ASSOCIATE DIV. DIRECTOR, OR	[illegible]	4/29

REVISED 3/92

HEALTH & SAFETY

FEDERAL OFFICE BUILDING, 77 WEST JACKSON BOULEVARD

Indoor Air Quality

Improvements in New Building

The various construction practices associated with the finishing and furnishing of occupied buildings have the potential to emit indoor air contaminants. These contaminants, even in very low concentrations, have been known to give building occupants various illness symptoms. This is often referred to as "sick building syndrome." During the early planning stages of the Federal Office Building located at 77 West Jackson Boulevard, the U.S. EPA, Region 5, retained the services of the U.S. Public Health Service to conduct Indoor Air Quality Analysis Studies of the building. Beta Associates, a PHS contractor, reviewed the heating, air conditioning, and ventilation systems in order to ensure employee health and comfort. In addition, an extensive materials review was performed to ensure that the "lowest emitting" finishes and furniture were purchased for the new facility.

Sampling was conducted of various contaminants of potential concern, including Volatile Organic Compounds or VOCs. VOCs will "off-gas" from carpeting, carpet cement, furniture, drywall, etc. All paints in the new facility are reported to be water based latex. VOC "off-gassing" from newly installed carpet, carpet adhesives furniture, etc., typically peak within 48 hours after installation and level off after approximately one week. When EPA staff move into the building, the VOCs will have had the opportunity to dissipate for several months.

In addition, sampling was conducted for total VOCs, total aldehydes, specific VOCs, formaldehyde, asbestos, and total particulates. Background sampling was conducted, to be followed by a period of fresh air flushing throughout the sampled floors. After this flushing out period and before the building is occupied, sampling will be performed again. Acceptance criteria for for each parameter sampled was stringent. In all cases, acceptance criteria was below recommended standards or guidelines.

Fire And Emergency Safety Advancements

Increased Safety Features

As the principle tenant in the new Federal Office Building, the EPA was entrusted with developing the facility's Occupant Emergency Plan to be followed by all tenants. Instructions within this plan incorporated all of the unique fire safety features of the building's state-of-the-art fire safety system, as well as the procedures a building occupant would follow if an emergency occurred.

Upon discovering a fire, one would pull one of the numerous, conspicuously placed red fire alarm boxes located on every floor. Next, the individual would report the specifics of the situation to the Federal Protective Service (FPS), calling on either a desk phone or one of the red Emergency Phones located in every stairwell. Simply lifting the receiver of one of these red Emergency Phones will patch the individual directly to the FPS Emergency Center. (Also, rely on these phones in the event of personal danger.) In the meantime, the building's improved public address system will be announcing appropriate evacuation procedures to all tenants. Moreover, the addition of emergency activated strobe lights located on each floor will alert the hearing impaired of an emergency situation. Tenants would follow all instructions until receiving an "ALL CLEAR" message from the public address system.

Additional safety features include:

- Garage is equipped with numerous "distress alarms" for personal safety
- 24 Hour access to the Federal Police Department guaranteeing 3-5 minute response
- Round-the-clock security guards on site
- Facility parameter is monitored by closed circuit television system
- State-of-the-art security alarm system

Please print or type with ELITE type (12 characters per inch) in the unshaded areas only.

Form approved, OMB No. 2050-0034 Expires 10/31/02
GSA No. 0248-EPA-OT

For EPA Regional Use Only	EPA United States Environmental Protection Agency Washington, DC 20460 **Hazardous Waste Permit Application Part A** *(Read the Instructions before starting)*	
Date Received Month Year		

I. Facility's EPA ID Number *(Mark 'X' in the appropriate box)*

[ ] **A. First Part A Submission** [X] **B. Revised Part A Submission (Amendment # 3**

C. Facility's EPA ID Number	**D. Secondary ID Number** *(If applicable)*
ILD000608471	

II. Name of Facility

CLEAN HARBORS SERVICES INC.

III. Facility Location *(Physical address not P.O. Box or Route Number)*

A. Street

11800 SOUTH STONY ISLAND AVENUE

Street *(Continued)*

City or Town	**State**	**Zip Code**
CHICAGO	IL	60617-

County Code *(If known)*	**County Name**
	COOK

B. Land Type (Enter Code)	**C. Geographic Location** *LATITUDE (Degrees, minutes, & seconds)*	*LONGITUDE (Degrees, minutes & seconds)*	**D. Facility Existence Date** Month Day Year
S	41 40 54	087 34 046	07 29 1980

IV. Facility Mailing Address

Street or P.O. Box

11800 SOUTH STONY ISLAND AVE

City or Town	**State**	**Zip Code**
CHICAGO	IL	60617

V. Facility Contact *(Person to be contacted regarding waste activities at facility)*

Name *(last)*	*(First)*
LAUBSTED	JAMES

Job Title	**Phone Number** *(Area Code and Number)*
COMPLIANCE MGR	773-646-6202

VI. Facility Contact Address *(See Instructions)*

A. Contact Address Location	Mailing	Other	**B. Street or P.O. Box**
[X]	[X]	[ ]	

City or Town	**State**	**Zip Code**
		-

EPA ID Number *(Enter from page 1)*	Secondary ID Number *(Enter from page 1)*
ILDO006084711	

VII. Operator Information *(See instructions)*

A. Name of Operator

CLEAN HARBORS SERVICES INC.

Street or P.O. Box

11800 SOUTH STONY ISLAND AVE

City or Town	State	Zip Code
CHICAGO	IL	60617

Phone Number *(Area Code and Number)*	B. Operator Type	C. Change of Operator Indicator	Date Changed Month Day Year
773-646-6202	P	Yes [ ] No [X]	

VIII. Owner Information *(See instructions)*

A. Name of Owner

ILLINOIS INTL. PORT DISTRICT

Street or P.O. Box

3600 EAST 95TH STREET

City or Town	State	Zip Code
CHICAGO	IL	60617

Phone Number *(Area Code and Number)*	B. Owner Type	C. Change of Owner Indicator	Date Changed Month Day Year
773-646-4400	P	Yes [ ] No [X]	

IX. NAICS Codes *(in order of significance; start in left box)*

First	9999	**Third**		
(Description)	Waste Treatment	*(Description)*		
Second	4953	**Fourth**		
(Description)	REFUSE SYSTEMS	*(Description)*		

X. Other Environmental Permits *(See instructions)*

A. Permit Type *(Enter Code)*	B. Permit Number	C. Description
R	B-16	IEPA RCRA PART B
R	ILD000608471	USEPA HSWA PERMIT
R	1980360P	IEP A LAND (OPERATIONS)
R	1984-EP-0889	IEP A LAND (OPERATIONS)
P	0316006BTE	IEP A AIR
E	1990-EN-1301	IEPA WATER POLLUTION CONTROL

EPA ID Number *(Enter from page 1)*

I	L	D	0	0	0	6	0	8	4	7	1

Secondary ID Number *(Enter from page 1)*

XI. Nature of Business *(Provide a brief description)*

Clean Harbors Services, Inc. (CHSI) offers a liquid industrial waste treatment service. CHSI accepts hazardous and non-hazardous wastewaters which do not meet sewer discharge specifications. Through phyiscal and chemical treatment, CHSI produces an effluent acceptable for sewer discharge and a dewatered sludge. The effluent is discharged into the Metropolitan Water Reclamation District of Greater Chicago's sewer system and the sludge is shipped to properly-licensed offsite treatment and/or disposal facilities. CHSI also accepts hazardous and non-hazardous waste, which is stored in tanks and containers and subsequently transferred to properly licensed offsite treatment and/or disposal facilities.

XII. Process Codes and Design Capacities

A. PROCESS CODE - *Enter the code from the list of process codes below that best describes each process to be used at the facility. Thirteen lines are provided for entering codes. If more lines are needed, attach a separate sheet of paper with the additional information. For "other" processes (i.e., D99, S99, T04 and X99), describe the process (including its design capacity) in the space provided in item XII.*

B. PROCESS DESIGN CAPACITY - *For each code entered in column A, enter the capacity of the process.*

1 AMOUNT - Enter the amount in a case where design capacity is not applicable (such as in a closure/post-closure or enforcement action) enter the total amount of waste for that process.

2 UNIT OF MEASURE - for each amount entered in column B(1) enter the code from the list of unit measure codes below that describes the unit of measure used. Only the units of measure that are listed below should be used.

C. PROCESS TOTAL NUMBER OF UNITS - *Enter the total number of units used with the corresponding process code.*

PROCESS CODE	PROCESS	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY
D79	Underground Injection Well Disposal	Gallons; Liters; Gallons Per Day; or Liters Per Day
D80	Land Fill	Acre-feet; Hectare-meter; Acres; Cubic Meters; Hectares; Cubic Yards
D81	Land Treatment	Acres or Hectares
D82	Ocean Disposal	Gallons Per Day or Liters Per Day
D83	Surface Impoundment Disposal	Gallons; Liters; Cubic Meters; or Cubic Yards
D99	Other Disposal	Any Unit of Measure Listed Below
	Storage:	
S01	Container	Gallons; Liters; Cubic Meters; or Cubic Yards
S02	Tank Storage	Gallons; Liters; Cubic Meters; or Cubic Yards
S03	Waste Pile	Cubic Yards or Cubic Meters
S04	Surface Impoundment Storage:	Gallons; Liters; Cubic Meters; or Cubic Yards
S05	Drip Pad	Gallons; Liters; Acres; Cubic Meters Hectares; or Cubic Yards
S06	Containment Building Storage	Cubic Yards or Cubic Meters
S99	Other Storage	Any Unit of Measure Listed Below
	Treatment	
T01	Tank Treatment	Gallons Per Day; Liters Per Day; Short Tons Per Hour; Gallons Per Hour; Liters Per Hour; Pounds Per Hour; Short Tons Per Day; Kilograms Per Hour; Metric Tons per Day; or Metric Tons Per Hour
T02	Surface Impoundment Treatment	Gallons Per Day; Liters Per Day; Short Tons Per Hour; Gallons Per Hour; Liters Per Hour; Pounds Per Hour; Short Tons Per Day; Kilograms Per Hour; Metric Tons per Day; or Metric Tons Per Hour
T03	Incinerator	Short Tons Per Hour;Metric Tons Per Hour; Pounds Per Hour; Short Tons Per Day; Kilograms Per Hour; Gallons Per Day; Liters Per Day; Metric Tons Per Hour; or Million Btu Per Hour
T04	Other Treatment	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day; Metric Tons Per Hour; Short Tons Per Day; Btu Per Hour; Gallons Per Day; Liters Per Hour; or Million Btu Per Hour
T80	Boiler	Gallons; Liters; Gallons Per Hour; Liters Per Hour; Btu Per Hour; or Million Btu Per Hour
T81	Cement Kiln	Gallons Per Day; Liters Per Day;
T82	Lime Kiln	Pounds Per Hour; Short Tons Per
T83	Aggregate Kiln	Hour; Kilograms Per Hour; Metric
T84	Phosphate Kiln	Tons Per Day; Metric Tons Per Hour
T85	Coke Oven	Short Tons Per Day; Btu Per Hour
T86	Blast Furnace	Liters Per Hour;Kilograms Per Hour; or Million Btu Per Hour
T87	Smelting, Melting Or Refining Furnace	
T88	Titanium Dioxide Chloride Oxidation Reactor	
T89	Methane Reforming Furnace	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day; Metric Tons Per Hour; Short Tons Per Day; Btu Per Hour; Gallons Per Hour; Liters Per Hour; or Million Btu Per Hour
T90	Pulping Liquor Recovery Furnace	
T91	Combustion Device Used In The Recovery Of Sulfur Values From Spent Sulfuric Acid	
T92	Halogen Acid Furnaces	
T93	Other Industrial Furnaces Listed in 40 CFR 260.10	
T94	Containment Building - Treatment	Cubic Yards; Cubic Meters; Short Tons Per Hour; Gallons Per Hour; Liters Per Hour; Btu Per Hour; Pounds Per Hour; Short Tons Per Day; Kilograms Per Hour; Metric Tons Per Day; Gallons Per Day; Liters Per Day; Metric Tons Per Hour; or Million Btu Per Hour
	Miscellaneous (Subpart X):	
X01	Open Burning/Open Detonation	Any Unit of Measure Listed Below
X02	Mechanical Processing	Short Tons Per Hour; Metric Tons Per Hour; Short Tons Per Day; Metric Tons Per Day;Pounds Per Hour;Liters Per Hour; or Gallons Per Day
X03	Thermal Unit	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour;Kilograms Per Hour;Metric Tons Per Day; Metric Tons Per Hour;Short Tons Per Day;Btu Per Hour; or Million Btu Per Hour
X04	Geologic Repository	Cubic Yards;Cubic Meters;Acre-feet; Hectare-meter;Gallons; or Liters
X99	Other Subpart X	Any Unit of Measure Listed Below

Unit of Measures	Unit of Measure Code
Gallons	G
Gallons Per Hour	E
Gallons Per Day	U
Liters	L
Liters Per Hour	H
Liters Per Day	V

Unit of Measure	Unit of Measure Code
Short Tons Per Hour	D
Metric Tons Per Hour	W
Short Tons Per Day	N
Metric Tons Per Day	S
Pounds Per Hour	J
Kilograms Per Hour	R
Million Btu Per Hour	X

Unit of Measure	Unit of Measure Code
Cubic Yards	Y
Cubic Meters	C
Acres	B
Acre-feet	A
Hectares	Q
Hectare-meter	F
Btu Per Hour	I

EPA ID Number *(Enter from page 1)*: I L D 0 0 0 6 0 8 4 7 1

Secondary ID Number *(Enter from page 1)*:

XII. Process Codes and Desig

EXAMPLE FOR COMPLETING ITEM XII (shown in line number X-1 below): A facility has a storage tank, which can hold 533.788 gallons

Line Number	Process Code	B. Process Design Capacity 1. Amount (Specify)	B. Process Design Capacity 2. Unit of Measure (Enter code)	C. Process Total Number Of Units	For Official Use Only
x 1	S 0 2	5 3 3 . 7 8 8	G	0 0 1	
1	S 0 1	164,253 (2969x55-Gal Equivalent 2 X 64 cu.ft.)	G	2 9 7 1	
2	S 0 1	360 (12 x 30 Cubic yards equivalent)	Y	0 1 2	
3	S 0 1	268,800 (TRANSPORTATION VEHICLES)	U	0 3 1	
4	S 0 2	3 0 6 , 3 5 6	G	0 3 7	
5	D 8 3	2 , 0 0 0 , 0 0 0	G	0 0 4	
6	T 0 1	A 2 0 0, 0 0 0	U	0 0 1	
7					
8					
9					
10					
11					
12					
13					

NOTE: If you need to list more than 13 process codes, attach an additional sheet(s) with the information in the same format as above. Number the lines sequentially, taking into account any lines that will be used for "other" processes (i.e., D99, S99, T04 and X99) in item XIII.

XIII. Other Processes *(Follow instructions from item XII for D99, S99, T04 and X99 process codes)*

Line Number (Enter #s in seq w/XII)	Process Code	B. PROCESS DESIGN CAPACITY 1. Amount (Specify)	B. PROCESS DESIGN CAPACITY 2. Unit of Measure (Enter code)	C. Process Total Number Of Units	D. Description of Process
X 1	T 0 4				
0 7	T 0 4	1 2 0 0 0	U	0 0 1	T-04-A Treatment of D002 liquid/solid mixtures in containers by removal of liquid
0 8	T 0 4	3 0 0 0	U	0 0 1	T-04-B Compaction of hazardous waste solids in containers
0 9	T 0 4	5 5 0 0 0	U	0 0 1	T04-C Hazardous waste fuel blending
1 0	T 0 4	6 0 0	U	0 1 0	T-04-D Stabilization/fixation of hazardous waste in rolloff containers,

EPA ID Number *(Enter from page 1)*												Secondary ID Number *(Enter from page 1)*													
I	L	D	0	0	0	6	0	8	4	7	1														

XIV. Description of Hazardous Wastes

A. EPA HAZARDOUS WASTE NUMBER - ***Enter the four-digit number from 40 CFR, Part 261 Subpart D of each listed hazardous waste you will handle. For hazardous wastes which are not listed in 40 CFR, Part 261 Subpart D, enter the four-digit number(s) from 40 CFR, Part 261 Subpart C that describes the characteristics and/or the toxic contaminants of those hazardous wastes.***

B. ESTIMATED ANNUAL QUANITITY - ***For each listed waste entered in column A estimate the quantity of that waste that will be handled on an annual basis. For each characteristic or toxic contaminant entered in column A estimate the total annual quantity of all the non-listed waste(s) that will be handled which possess that characteristic or contaminant.***

C. UNIT OF MEASURE - ***For each quantity entered in column B enter the unit of measure code. Units of measure which must be used and the appropriate codes are:***

ENGLIS UNIT OF MEASURE	*CODE*	*METRIC UNIT OF MEASURE*	*CODE*
POUNDS	*P*	*KILOGRAMS*	*K*
TONS	*T*	*METRIC TONS*	*M*

If facility records use any other unit of measure for quantity, the units of measure must be converted into one of the required units of measure taking into account the appropriate density or specific gravity of the waste.

D. PROCESSES

1. PROCESS CODES:

For listed hazardous waste: For each listed hazardous waste entered in column A select the code(s) from the list of process codes contained in item XII A. on page 3 to indicate how the waste will be stored, treated, and/or disposed of at the facility.

For non-listed hazardous waste: For each characteristic or toxic contaminant entered in column A. select the code(s) from the list of process codes contained in item XII A. on page 3 to indicate all the processes that will be used to store, treat and /or dispose of all the non-listed hazardous wasted that prossess that characteristic or toxic contaminant.

NOTE: THREE SPACES ARE PROVIDED FOR ENTERING PROCESS CODES. IF MORE ARE NEEDED:

1 ***Enter the first two as described above.***
2 ***Enter "000" in the extreme right box of item XIV-D(1).***
3 ***Use additional sheet, enter line number from previous sheet, and enter additional code(s) in item XIV-E.***

2. PROCESS DESCRIPTION; If a code is not listed for a process that will be used, describe the process in the space provided on the form (D(2).

NOTE; HAZARDOUS WASTED DESCRIBED BY MORE THAN ONE EPA HAZARDOUS WASTE NUMBER - Hazardous ***wastes that can be described by more than one EPA Hazardous Waste Number shall be described on the form as follows:***

1 ***Select one of the EPA Hazardous Waste Numbers and enter it in column A. On the same line complete columns B, C and D by estimating the total annual quantity of the waste and describing all the processes to be used to treat, store, and/or dispose of the waste.***

2 ***In column A of the next line enter the other EPA Hazardous Waste Number that can be used to describe the waste. In column D(2) on that line enter "included with above" and make no other entries on that line.***

3 ***Repeat step 2 for each EPA Hazardous Waste Number that can be used to describe the hazardous waste.***

EXAMPLE FOR COMPLETING ITEM XIV (shown in line number X-1, X-2, X-3, and X-4 below) - A facility will treat and dispose of an estimated 900 pounds per year of chrome shavings from leather tanning and finishing operation. In addition, the facility will treat and dispose of three non-listed wastes. Two wastes are corrosive only and there will be an estimated 200 pounds per year of each waste. The other waste is corrosive and ignitable and there will be an estimated 100 pounds per year of that waste. Treatment will be in an incinerator and disposal will be in a landfill.

Line Number	A. EPA HAZARDOUS WASTE NO. *(Enter Code)*	B. Estimated Annual Quantity of Waste	C. Unit of Measure *(Enter code)*	D. PROCESSES (1) PROCESS CODES *(Enter code)*	D. PROCESSES (2) PROCESS DESCRIPTION *(If a code is not entered in D(1))*
X 1	K 0 5 4	900	P	T 0 3 D 8 0	
X 2	D 0 0 2	400	P	T 0 3 D 8 0	
X 3	D 0 0 1	100	P	T 0 3 D 8 0	
X 4	D 0 0 2				Included With Above

EPA ID Number *(Enter from page 1)*												Secondary ID Number *(Enter from page 1)*													
I	L	D	0	0	0	6	0	8	4	7	1														

XIV. Description of Hazardous Wastes *(Continued; use additional sheets as necessary)*

Line Number	A. EPA HAZARDOUS WASTE NO. *(Enter Code)*	B. Estimated Annual Quantity of Waste	C. Unit of Measure *(Enter code)*	D. PROCESSES (1) PROCESS CODES *(Enter code)*	D. PROCESSES (2) PROCESS DESCRIPTION *(If a code is not entered in D(1))*
1	D001	15,000	T	S01 S02 T04	AB CE FG HI JK TO 1A X9 9A B
2	D002	5,000	T	S01 S02 T04	AB CE FG HJ TO 1A X9 9B
3	D003	5,000	T	S01 S02 T04	AB CE FG HI J TO 1A X9 9B C
4	D004	5,000	T	S01 S02 T04	AB CD EF GH J TO 1A X9 9A B
5	D005	250	T	S01 S02 T04	AB CD EF GH J TO 1A X9 9A BC
6	D006	250	T	S01 S02 T04	AB CD EF GH J TO 1A X9 9A BC
7	D007	250	T	S01 S02 T04	AB CD EF GH J TO 1A X9 9A B
8	D008	250	T	S01 S02 T04	AB CD EF GH J TO 1A X9 9A BC
9	D009	250	T	S01 S02 T04	AB CD EF GH J TO 1A X9 9B C
10	D010	250	T	S01 S02 T04	AB CD EF GH J TO 1A X9 9B
11	D011	250	T	S01 S02 T04	AB CD EF GH J TO 1A X9 9B
12	D012	250	T	S01 S02 T04	AB CE FG HJ X9 9B
13	D013	250	T	S01 S02 T04	AB CE FG HJ X9 9B
14	D014	250	T	S01 S02 T04	AB CE FG HJ X9 9B
15	D015	250	T	S01 S02 T04	AB CE FG HJ X9 9B
16	D016	250	T	S01 S02 T04	AB CE FG HJ X9 9B
17	D017	250	T	S01 S02 T04	AB CE FG HJ X9 9B
18	D018	15,000	T	S01 S02 T04	AB CE FG HJ TO 1A X9 9A B
19	D019	15,000	T	S01 S02 T04	AB CE FG HJ TO 1A X9 9A B
20	D020	15,000	T	S01 S02 T04	AB CE FG HJ X9 9A B
21	D021	15,000	T	S01 S02 T04	AB CE FG HJ TO 1A X9 9A B
22	D022	15,000	T	S01 S02 T04	AB CE FG HJ TO 1A X9 9A B
23	D023	15,000	T	S01 S02 T04	AB CE FG HJ TO 1A X9 9A B
24	D024	15,000	T	S01 S02 T04	AB CE FG HJ TO 1A X9 9A B
25	D025	15,000	T	S01 S02 T04	AB CE FG HJ TO 1A X9 9A B
26	D026	15,000	T	S01 S02 T04	AB CE FG HJ TO 1A X9 9A B
27	D027	15,000	T	S01 S02 T04	AB CE FG HJ TO 1A X9 9A B
28	D028	15,000	T	S01 S02 T04	AB CE FG HJ TO 1A X9 9A B
29	D029	15,000	T	S01 S02 T04	AB CE FG HJ TO 1A X9 9A B
30	D030	15,000	T	S01 S02 T04	AB CE FG HJ TO 1A X9 9A B
31	D031	15,000	T	S01 S02 T04	AB CE FG HJ X9 9A B
32	D032	15,000	T	S01 S02 T04	AB CE FG HJ TO 1A X9 9A B
33	D033	15,000	T	S01 S02 T04	AB CE FG HJ TO 1A X9 9A B
34	D034	15,000	T	S01 S02 T04	AB CE FG HJ TO 1A X9 9A B
35	D035	15,000	T	S01 S02 T04	AB CE FG HJ TO 1A X9 9A B

EPA ID Number *(Enter from page 1)*												Secondary ID Number *(Enter from page 1)*													
I	L	D	0	0	0	6	0	8	4	7	1														

XIV. Description of Hazardous Wastes *(Continued; use additional sheets as necessary)*

Line Number	A. EPA HAZARDOUS WASTE NO. *(Enter Code)*	B. Estimated Annual Quantity of Waste	C. Unit of Measure *(Enter code)*	D. PROCESSES (1) PROCESS CODES *(Enter code)*	D. PROCESSES (2) PROCESS DESCRIPTION *(If a code is not entered in D(1))*
1	D 0 3 6	15,000	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ TO 1A X9 9A B
2	D 0 3 7	15,000	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ TO 1A X9 9A B
3	D 0 3 8	15,000	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ TO 1A X9 9A B
4	D 0 3 9	15,000	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ TO 1A X9 9A B
5	D 0 4 0	15,000	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ TO 1A X9 9A B
6	D 0 4 1	15,000	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ TO 1A X9 9B
7	D 0 4 2	15,000	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ TO 1A X9 9B
8	D 0 4 3	15,000	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ TO 1A X9 9A B
9	F 0 0 1	7,500	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ TO 1A X9 9B
10	F 0 0 2	7,500	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ TO 1A X9 9B
11	F 0 0 3	7,500	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ TO 1A X9 9B
12	F 0 0 4	7,500	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ TO 1A X9 9B
13	F 0 0 5	7,500	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ TO 1A X9 9B
14	F 0 0 6	1,000	T	S 0 1 S 0 2 T 0 4	AB CD EF GH J TO 1A X9 9B
15	F 0 0 7	1,000	T	S 0 1 S 0 2 T 0 4	AB CD EF GH J TO 1A X9 9B
16	F 0 0 8	1,000	T	S 0 1 S 0 2 T 0 4	AB CD EF GH J TO 1A X9 9B
17	F 0 0 9	1,000	T	S 0 1 S 0 2 T 0 4	AB CD EF GH J TO 1A X9 9B
18	F 0 1 0	1,000	T	S 0 1 S 0 2 T 0 4	AB CD EF GH J TO 1A X9 9B
19	F 0 1 1	1,000	T	S 0 1 S 0 2 T 0 4	AB CD EF GH J TO 1A X9 9B
20	F 0 1 2	1,000	T	S 0 1 S 0 2 T 0 4	AB CD EF GH J TO 1A X9 9B
21	F 0 1 9	1,000	T	S 0 1 S 0 2 T 0 4	AB CD EF GH J TO 1A X9 9B
22	F 0 2 0	1,000	T	S 0 1 S 0 2 T 0 4	AB EF GH J
23	F 0 2 1	1,000	T	S 0 1 S 0 2 T 0 4	AB EF GH J
24	F 0 2 2	1,000	T	S 0 1 S 0 2 T 0 4	AB EF GH J
25	F 0 2 3	1,000	T	S 0 1 S 0 2 T 0 4	AB EF GH J
26	F 0 2 4	250	T	S 0 1 S 0 2 T 0 4	AB EF GH J X9 9B
27	F 0 2 5	15,000	T	S 0 1 S 0 2 T 0 4	AB EF GH J X9 9B
28	F 0 2 6	1,000	T	S 0 1 S 0 2 T 0 4	AB EF GH J
29	F 0 2 7	1,000	T	S 0 1 S 0 2 T 0 4	AB EF GH J
30	F 0 2 8	1,000	T	S 0 1 S 0 2 T 0 4	AB EF GH J
31	F 0 3 2	250	T	S 0 1 S 0 2 T 0 4	AB EF GH J X9 9B
32	F 0 3 4	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
33	F 0 3 5	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
34	F 0 3 7	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
35	F 0 3 8	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B

EPA ID Number *(Enter from page 1)*												Secondary ID Number *(Enter from page 1)*													
I	L	D	0	0	0	6	0	8	4	7	1														

XIV. Description of Hazardous Wastes *(Continued; use additional sheets as necessary)*

Line Number	A. EPA HAZARDOUS WASTE NO. *(Enter Code)*	B. Estimated Annual Quantity of Waste	C. Unit of Measure *(Enter code)*	D. PROCESSES (1) PROCESS CODES *(Enter code)*	D. PROCESSES (2) PROCESS DESCRIPTION *(If a code is not entered in D(1))*
1	F039	15,000	T	S01 S02 T04	AB CE FG HJ TO 1A X9 9B
2	K001	1,000	T	S01 S02 T04	AB CE FG HJ X9 9B
3	K002	1,000	T	S01 S02 T04	AB CE FG HJ TO 1A X9 9B
4	K003	1,000	T	S01 S02 T04	AB CE FG HJ TO 1A X9 9B
5	K004	1,000	T	S01 S02 T04	AB CE FG HJ TO 1A X9 9B
6	K005	1,000	T	S01 S02 T04	AB CE FG HJ TO 1A X9 9B
7	K006	1,000	T	S01 S02 T04	AB CE FG HJ TO 1A X9 9B
8	K007	1,000	T	S01 S02 T04	AB CE FG HJ TO 1A X9 9B
9	K008	1,000	T	S01 S02 T04	AB CE FG HJ TO 1A X9 9B
10	K009	2,500	T	S01 S02 T04	AB CE FG HJ X9 9B
11	K010	2,500	T	S01 S02 T04	AB CE FG HJ X9 9B
12	K011	2,500	T	S01 S02 T04	AB CE FG HJ X9 9B
13	K013	100	T	S01 S02 T04	AB CE FG HJ X9 9B
14	K014	100	T	S01 S02 T04	AB CE FG HJ X9 9B
15	K015	250	T	S01 S02 T04	AB CE FG HJ X9 9B
16	K016	250	T	S01 S02 T04	AB CE FG HJ X9 9B
17	K017	250	T	S01 S02 T04	AB CE FG HJ X9 9B
18	K018	250	T	S01 S02 T04	AB CE FG HJ X9 9B
19	K019	250	T	S01 S02 T04	AB CE FG HJ X9 9B
20	K020	250	T	S01 S02 T04	AB CE FG HJ X9 9B
21	K021	250	T	S01 S02 T04	AB CE FG HJ X9 9B
22	K022	250	T	S01 S02 T04	AB CE FG HJ X9 9B
23	K023	2,500	T	S01 S02 T04	AB CE FG HJ X9 9B
24	K024	2,500	T	S01 S02 T04	AB CE FG HJ X9 9B
25	K025	250	T	S01 S02 T04	AB CE FG HJ X9 9B
26	K026	250	T	S01 S02 T04	AB CE FG HJ X9 9B
27	K027	250	T	S01 S02 T04	AB CE FG HJ X9 9B
28	K028	250	T	S01 S02 T04	AB CE FG HJ X9 9B
29	K029	100	T	S01 S02 T04	AB CE FG HJ X9 9B
30	K030	100	T	S01 S02 T04	AB CE FG HJ X9 9B
31	K031	100	T	S01 S02 T04	AB CE FG HJ X9 9B
32	K032	100	T	S01 S02 T04	AB CE FG HJ X9 9B
33	K033	100	T	S01 S02 T04	AB CE FG HJ X9 9B
34	K034	100	T	S01 S02 T04	AB CE FG HJ X9 9B
35	K035	100	T	S01 S09 S04	AB CE FG HJ X9 9B

EPA ID Number *(Enter from page 1)*	Secondary ID Number *(Enter from page 1)*
I L D 0 0 0 6 0 8 4 7 1	

XIV. Description of Hazardous Wastes *(Continued; use additional sheets as necessary)*

Line Number	A. EPA HAZARDOUS WASTE NO. *(Enter Code)*	B. Estimated Annual Quantity of Waste	C. Unit of Measure *(Enter code)*	D. PROCESSES (1) PROCESS CODES *(Enter code)*	D. PROCESSES (2) PROCESS DESCRIPTION *(If a code is not entered in D(1))*
1	K 0 3 6	2,500	T	S 0 1 S 0 2 T 0 4	AB CE FG H X9 9B
2	K 0 3 7	100	T	S 0 1 S 0 2 T 0 4	AB CE FG H X9 9B
3	K 0 3 8	100	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
4	K 0 3 9	100	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
5	K 0 4 0	100	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
6	K 0 4 1	100	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
7	K 0 4 2	2,500	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
8	K 0 4 3	2,500	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
9	K 0 4 4	2,500	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
10	K 0 4 5	2,500	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
11	K 0 4 6	2,500	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ TO 1A X9 9B
12	K 0 4 7	2,500	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
13	K 0 4 8	2,500	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ TO 1A X9 9B
14	K 0 4 9	2,500	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
15	K 0 5 0	2,500	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
16	K 0 5 1	2,500	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
17	K 0 5 2	2,500	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ TO 1A X9 9B
18	K 0 6 0	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ TO 1A X9 9B
19	K 0 6 1	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ TO 1A X9 9B
20	K 0 6 2	250	T	S 0 1 S 0 2 T 0 4	AB CD EF GH J TO 1A X9 9B
21	K 0 6 4	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
22	K 0 6 5	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
23	K 0 6 6	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
24	K 0 6 9	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ TO 1A X9 9B
25	K 0 7 1	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
26	K 0 7 3	100	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
27	K 0 8 3	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
28	K 0 8 4	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
29	K 0 8 5	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
30	K 0 8 6	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ TO 1A X9 9B
31	K 0 8 7	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ TO 1A X9 9B
32	K 0 8 8	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
33	K 0 9 0	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
34	K 0 9 1	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
35	K 0 9 3	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B

EPA ID Number *(Enter from page 1)*: I L D 0 0 0 6 0 8 4 7 1

Secondary ID Number *(Enter from page 1)*:

XIV. Description of Hazardous Wastes *(Continued; use additional sheets as necessary)*

Line Number	A. EPA HAZARDOUS WASTE NO. (Enter Code)	B. Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)	D. PROCESSES (1) PROCESS CODES (Enter code)	D. PROCESSES (2) PROCESS DESCRIPTION (If a code is not entered in D(1))
1	K 0 9 4	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
2	K 0 9 5	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
3	K 0 9 6	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
4	K 0 9 7	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
5	K 0 9 8	100	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
6	K 0 9 9	100	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
7	K 1 0 0	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ TO 1A X9 9B
8	K 1 0 1	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
9	K 1 0 2	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
10	K 1 0 3	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
11	K 1 0 4	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
12	K 1 0 5	100	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
13	K 1 0 6	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
14	K 1 0 7	15,000	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
15	K 1 0 8	15,000	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
16	K 1 0 9	15,000	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
17	K 1 1 0	15,000	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
18	K 1 1 1	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
19	K 1 1 2	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
20	K 1 1 3	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
21	K 1 1 4	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
22	K 1 1 5	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
23	K 1 1 6	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
24	K 1 1 7	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
25	K 1 1 8	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
26	K 1 2 3	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
27	K 1 2 4	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
28	K 1 2 5	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
29	K 1 2 6	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
30	K 1 3 1	15,000	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
31	K 1 3 2	15,000	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
32	K 1 3 6	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
33	K 1 4 0	15,000	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
34	K 1 4 1	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
35	K 1 4 2	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B

EPA ID Number *(Enter from page 1)*												Secondary ID Number *(Enter from page 1)*													
I	L	D	0	0	0	6	0	8	4	7	1														

XIV. Description of Hazardous Wastes *(Continued; use additional sheets as necessary)*

Line Number	A. EPA HAZARDOUS WASTE NO. *(Enter Code)*	B. Estimated Annual Quantity of Waste	C. Unit of Measure *(Enter code)*	D. PROCESSES (1) PROCESS CODES *(Enter code)*	D. PROCESSES (2) PROCESS DESCRIPTION *(If a code is not entered in D(1))*
1	K 1 4 3	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
2	K 1 4 4	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
3	K 1 4 5	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
4	K 1 4 7	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
5	K 1 4 8	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
6	K 1 4 9	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
7	K 1 5 0	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
8	K 1 5 1	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
9	K 1 5 6	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
10	K 1 5 7	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
11	K 1 5 8	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
12	K 1 5 9	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
13	K 1 6 0	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
14	K 1 6 1	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
15	K 1 6 9	15,000	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
16	K 1 7 0	15,000	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
17	K 1 7 1	15,000	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
18	K 1 7 2	15,000	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
19	K 1 7 4	15,000	T	S 0 1 S 0 2 T 0 4	AB EF GH J X9 9B
20	K 1 7 5	15,000	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
21	K 1 7 6	15,000	T	S O 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
22	K 1 7 7	15,000	T	S O 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
23	K 1 7 8	15,000	T	S O 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
24	P 0 0 1	100	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
25	P 0 0 2	100	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
26	P 0 0 3	100	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
27	P 0 0 4	100	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
28	P 0 0 5	100	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
29	P 0 0 6	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
30	P 0 0 7	100	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
31	P 0 0 8	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
32	P 0 0 9	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
33	P 0 1 0	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
34	P 0 1 1	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
35	P 0 1 2	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B

EPA ID Number *(Enter from page 1)*												Secondary ID Number *(Enter from page 1)*													
I	L	D	0	0	0	6	0	8	4	7	1														

XIV. Description of Hazardous Wastes *(Continued; use additional sheets as necessary)*

Line Number	A. EPA HAZARDOUS WASTE NO. *(Enter Code)*	B. Estimated Annual Quantity of Waste	C. Unit of Measure *(Enter code)*	D. PROCESSES (1) PROCESS CODES *(Enter code)*	D. PROCESSES (2) PROCESS DESCRIPTION *(If a code is not entered in D(1))*
1	P013	250	T	S01 S02 T04	AB CE FG HJ X9 9B
2	P014	250	T	S01 S02 T04	AB CE FG HJ X9 9B
3	P015	250	T	S01 S02 T04	AB CE FG HJ X9 9B
4	P016	250	T	S01 S02 T04	AB CE FG HJ X9 9B
5	P017	250	T	S01 S02 T01	AB CE FG HJ X9 9B
6	P018	250	T	S01 S02 T01	AB CE FG HJ X9 9B
7	P020	250	T	S01 S02 T04	AB CE FG HJ X9 9B
8	P021	250	T	S01 S02 T04	AB CE FG HJ X9 9B
9	P022	250	T	S01 S02 T04	AB CE FG HJ X9 9B
10	P023	250	T	S01 S02 T04	AB CE FG HJ X9 9B
11	P024	250	T	S01 S02 T04	AB CE FG HJ X9 9B
12	P026	250	T	S01 S02 T04	AB CE FG HJ X9 9B
13	P027	250	T	S01 S02 T04	AB CE FG HJ X9 9B
14	P028	250	T	S01 S02 T04	AB CE FG HJ X9 9B
15	P029	100	T	S01 S02 T04	AB CE FG HJ X9 9B
16	P030	100	T	S01 S02 T04	AB CE FG HJ X9 9B
17	P031	100	T	S01 S02 T04	AB CE FG HJ X9 9B
18	P033	100	T	S01 S02 T04	AB CE FG HJ X9 9B
19	P034	250	T	S01 S02 T04	AB CE FG HJ X9 9B
20	P036	100	T	S01 S02 T04	AB CE FG HJ X9 9B
21	P037	100	T	S01 S02 T04	AB CE FG HJ X9 9B
22	P038	100	T	S01 S02 T04	AB CE FG HJ X9 9B
23	P039	250	T	S01 S02 T04	AB CE FG HJ X9 9B
24	P040	250	T	S01 S02 T04	AB CE FG HJ X9 9B
25	P041	250	T	S01 S02 T04	AB CE FG HJ X9 9B
26	P042	250	T	S01 S02 T04	AB CE FG HJ X9 9B
27	P043	100	T	S01 S02 T04	AB CE FG HJ X9 9B
28	P044	250	T	S01 S02 T04	AB CE FG HJ X9 9B
29	P045	250	T	S01 S02 T04	AB CE FG HJ X9 9B
30	P046	250	T	S01 S02 T04	AB CE FG HJ X9 9B
31	P047	250	T	S01 S02 T04	AB CE FG HJ X9 9B
32	P048	250	T	S01 S02 T04	AB CE FG HJ X9 9B
33	P049	100	T	S01 S02 T04	AB CE FG HJ X9 9B
34	P050	100	T	S01 S02 T04	AB CE FG HJ X9 9B
35	P051	100	T	S01 S02 T04	AB CE FG HJ X9 9B

EPA ID Number *(Enter from page 1)*	Secondary ID Number *(Enter from page 1)*
ILD000606847 1	

XIV. Description of Hazardous Wastes *(Continued; use additional sheets as necessary)*

Line Number	A. EPA HAZARDOUS WASTE NO. *(Enter Code)*	B. Estimated Annual Quantity of Waste	C. Unit of Measure *(Enter code)*	D. PROCESSES (1) PROCESS CODES *(Enter code)*	D. PROCESSES (2) PROCESS DESCRIPTION *(If a code is not entered in D(1))*
1	P054	100	T	S01 S02 T04	AB CE FG HJ X9 9B
2	P056	250	T	S01 S02 T04	AB CE FG HJ X9 9B
3	P057	100	T	S01 S02 T04	AB CE FG HJ X9 9B
4	P058	100	T	S01 S02 T04	AB CE FG HJ X9 9B
5	P059	100	T	S01 S02 T04	AB CE FG HJ X9 9B
6	P060	250	T	S01 S02 T04	AB CE FG HJ X9 9B
7	P062	250	T	S01 S02 T04	AB CE FG HJ X9 9B
8	P063	250	T	S01 S02 T04	AB CE FG HJ X9 9B
9	P064	250	T	S01 S02 T04	AB CE FG HJ X9 9B
10	P065	250	T	S01 S02 T04	AB CE FG HJ X9 9B
11	P066	250	T	S01 S02 T04	AB CE FG HJ X9 9B
12	P067	100	T	S01 S02 T04	AB CE FG HJ X9 9B
13	P068	100	T	S01 S02 T04	AB CE FG HJ X9 9B
14	P069	100	T	S01 S02 T04	AB CE FG HJ X9 9B
15	P070	100	T	S01 S02 T04	AB CE FG HJ X9 9B
16	P071	100	T	S01 S02 T04	AB CE FG HJ X9 9B
17	P072	250	T	S01 S02 T04	AB CE FG HJ X9 9B
18	P073	100	T	S01 S02 T04	AB CE FG HJ X9 9B
19	P074	100	T	S01 S02 T04	AB CE FG HJ X9 9B
20	P075	100	T	S01 S02 T04	AB CE FG HJ X9 9B
21	P076	250	T	S01 S02 T04	AB CE FG HJ X9 9B
22	P077	250	T	S01 S02 T04	AB CE FG HJ X9 9B
23	P078	250	T	S01 S02 T04	AB CE FG HJ X9 9B
24	P081	250	T	S01 S02 T04	AB CE FG HJ X9 9B
25	P082	100	T	S01 S02 T04	AB CE FG HJ X9 9B
26	P084	250	T	S01 S02 T04	AB CE FG HJ X9 9B
27	P085	250	T	S01 S02 T04	AB CE FG HJ X9 9B
28	P087	250	T	S01 S02 T04	AB CE FG HJ X9 9B
29	P088	250	T	S01 S02 T04	AB CE FG HJ X9 9B
30	P089	250	T	S01 S02 T04	AB CE FG HJ X9 9B
31	P092	250	T	S01 S02 T04	AB CE FG HJ X9 9B
32	P093	250	T	S01 S02 T04	AB CE FG HJ X9 9B
33	P094	100	T	S01 S02 T04	AB CE FG HJ X9 9B
34	P095	250	T	S01 S02 T04	AB CE FG HJ X9 9B
35	P096	250	T	S01 S02 T04	AB CE FG HJ X9 9B

EPA ID Number *(Enter from page 1)*: I L D 0 0 0 6 0 8 4 7 1

Secondary ID Number *(Enter from page 1)*:

XIV. Description of Hazardous Wastes *(Continued; use additional sheets as necessary)*

Line Number	A. EPA HAZARDOUS WASTE NO. (Enter Code)	B. Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)	D. PROCESSES (1) PROCESS CODES (Enter code)	D. PROCESSES (2) PROCESS DESCRIPTION (If a code is not entered in D(1))
1	P 097	250	T	S01 S02 T04	AB CE FG HJ X9 9B
2	P 098	100	T	S01 S02 T04	AB CE FG HJ X9 9B
3	P 099	100	T	S01 S02 T04	AB CE FG HJ X9 9B
4	P 101	250	T	S01 S02 T04	AB CE FG HJ X9 9B
6	P 102	150	T	S01 S02 T04	AB CE FG HJ X9 9B
7	P 103	100	T	S01 S02 T04	AB CE FG HJ X9 9B
8	P 104	100	T	S01 S02 T04	AB CE FG HJ X9 9B
9	P 105	100	T	S01 S02 T04	AB CE FG HJ X9 9B
10	P 106	100	T	S01 S02 T04	AB CE FG HJ X9 9B
11	P 108	100	T	S01 S02 T04	AB CE FG HJ X9 9B
12	P 109	100	T	S01 S02 T04	AB CE FG HJ X9 9B
13	P 110	250	T	S01 S02 T04	AB CE FG HJ X9 9B
14	P 111	250	T	S01 S02 T04	AB CE FG HJ X9 9B
15	P 112	250	T	S01 S02 T04	AB CE FG HJ X9 9B
16	P 113	250	T	S01 S02 T04	AB CE FG HJ X9 9B
17	P 114	250	T	S01 S02 T04	AB CE FG HJ X9 9B
18	P 115	250	T	S01 S02 T04	AB CE FG HJ X9 9B
19	P 116	250	T	S01 S02 T04	AB CE FG HJ X9 9B
20	P 118	250	T	S01 S02 T04	AB CE FG HJ X9 9B
21	P 119	100	T	S01 S02 T04	AB CE FG HJ X9 9B
22	P 120	250	T	S01 S02 T04	AB CE FG HJ X9 9B
23	P 121	250	T	S01 S02 T04	AB CE FG HJ X9 9B
24	P 122	250	T	S01 S02 T04	AB CE FG HJ X9 9B
25	P 123	250	T	S01 S02 T04	AB CE FG HJ X9 9B
26	P 127	250	T	S01 S02 T04	AB CE FG HJ X9 9B
27	P 128	250	T	S01 S02 T04	AB CE FG HJ X9 9B
28	P 185	250	T	S01 S02 T04	AB CE FG HJ X9 9B
29	P 188	250	T	S01 S02 T04	AB CE FG HJ X9 9B
30	P 189	250	T	S01 S02 T04	AB CE FG HJ X9 9B
31	P 190	250	T	S01 S02 T04	AB CE FG HJ X9 9B
32	P 191	250	T	S01 S02 T04	AB CE FG HJ X9 9B
33	P 192	250	T	S01 S02 T04	AB CE FG HJ X9 9B
34	P 194	250	T	S01 S02 T04	AB CE FG HJ X9 9B
35	P 196	250	T	S01 S02 T04	AB CE FG HJ X9 9B

EPA ID Number *(Enter from page 1)*												Secondary ID Number *(Enter from page 1)*													
I	L	D	0	0	0	6	0	8	4	7	1														

XIV. Description of Hazardous Wastes *(Continued; use additional sheets as necessary)*

Line Number	A. EPA HAZARDOUS WASTE NO. *(Enter Code)*	B. Estimated Annual Quantity of Waste	C. Unit of Measure *(Enter code)*	D. PROCESSES (1) PROCESS CODES *(Enter code)*	D. PROCESSES (2) PROCESS DESCRIPTION *(If a code is not entered in D(1))*
1	P 1 9 7	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
2	P 1 9 8	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
3	P 1 9 9	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
4	P 2 0 1	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
5	P 2 0 2	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
6	P 2 0 3	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
7	P 2 0 4	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
8	P 2 0 5	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
9	U 0 0 1	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
10	U 0 0 2	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
11	U 0 0 3	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
12	U 0 0 4	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
13	U 0 0 5	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
14	U 0 0 6	100	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
15	U 0 0 7	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
16	U 0 0 8	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
17	U 0 0 9	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
18	U 0 1 0	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
19	U 0 1 1	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
20	U 0 1 2	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
21	U 0 1 4	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
22	U 0 1 5	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
23	U 0 1 6	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
24	U 0 1 7	100	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
25	U 0 1 8	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
26	U 0 1 9	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
27	U 0 2 0	100	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
28	U 0 2 1	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
29	U 0 2 2	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
30	U 0 2 3	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
31	U 0 2 4	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
32	U 0 2 5	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
33	U 0 2 6	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
34	U 0 2 7	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
35	U 0 2 8	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B

EPA ID Number *(Enter from page 1)*												Secondary ID Number *(Enter from page 1)*													
I	L	D	0	0	0	6	0	8	4	7	1														

XIV. Description of Hazardous Wastes ***(Continued; use additional sheets as necessary)***

Line Number	A. EPA HAZARDOUS WASTE NO. *(Enter Code)*	B. Estimated Annual Quantity of Waste	C. Unit of Measure *(Enter code)*	D. PROCESSES (1) PROCESS CODES *(Enter code)*	D. PROCESSES (2) PROCESS DESCRIPTION *(If a code is not entered in D(1))*
1	U 0 2 9	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
2	U 0 3 0	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
3	U 0 3 1	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
4	U 0 3 2	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
5	U 0 3 3	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
6	U 0 3 4	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
7	U 0 3 5	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
8	U 0 3 6	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
9	U 0 3 7	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
10	U 0 3 8	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
11	U 0 3 9	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
12	U 0 4 1	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
13	U 0 4 2	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
14	U 0 4 3	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
15	U 0 4 4	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
16	U 0 4 5	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
17	U 0 4 6	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
18	U 0 4 7	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
19	U 0 4 8	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
20	U 0 4 9	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
21	U 0 5 0	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
22	U 0 5 1	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
23	U 0 5 2	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
24	U 0 5 3	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
25	U 0 5 5	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
26	U 0 5 6	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
27	U 0 5 7	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
28	U 0 5 8	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
29	U 0 5 9	100	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
30	U 0 6 0	100	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
31	U 0 6 1	100	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
32	U 0 6 2	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
33	U 0 6 3	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
34	U 0 6 4	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
35	U 0 6 6	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B

EPA ID Number *(Enter from page 1)*: I L D 0 0 0 6 0 8 4 7 1

Secondary ID Number *(Enter from page 1)*:

XIV. Description of Hazardous Wastes *(Continued; use additional sheets as necessary)*

Line Number	A. EPA HAZARDOUS WASTE NO. (Enter Code)	B. Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)	D. PROCESSES (1) PROCESS CODES (Enter code)	D. PROCESSES (2) PROCESS DESCRIPTION (If a code is not entered in D(1))
1	U067	250	T	S01 S02 T04	AB CE FG HJ X9 9B
2	U068	250	T	S01 S02 T04	AB CE FG HJ X9 9B
3	U069	250	T	S01 S02 T04	AB CE FG HJ X9 9B
4	U070	250	T	S01 S02 T04	AB CE FG HJ X9 9B
5	U071	250	T	S01 S02 T04	AB CE FG HJ X9 9B
6	U072	250	T	S01 S02 T04	AB CE FG HJ X9 9B
7	U073	250	T	S01 S02 T04	AB CE FG HJ X9 9B
8	U074	250	T	S01 S02 T04	AB CE FG HJ X9 9B
9	U075	250	T	S01 S02 T04	AB CE FG HJ X9 9B
10	U076	250	T	S01 S02 T04	AB CE FG HJ X9 9B
11	U077	250	T	S01 S02 T04	AB CE FG HJ X9 9B
12	U078	250	T	S01 S02 T04	AB CE FG HJ X9 9B
13	U079	250	T	S01 S02 T04	AB CE FG HJ X9 9B
14	U080	250	T	S01 S02 T04	AB CE FG HJ X9 9B
15	U081	250	T	S01 S02 T04	AB CE FG HJ X9 9B
16	U082	250	T	S01 S02 T04	AB CE FG HJ X9 9B
17	U083	250	T	S01 S02 T04	AB CE FG HJ X9 9B
18	U084	250	T	S01 S02 T04	AB CE FG HJ X9 9B
19	U085	250	T	S01 S02 T04	AB CE FG HJ X9 9B
20	U086	100	T	S01 S02 T04	AB CE FG HJ X9 9B
21	U087	250	T	S01 S02 T04	AB CE FG HJ X9 9B
22	U088	250	T	S01 S02 T04	AB CE FG HJ X9 9B
23	U089	250	T	S01 S02 T04	AB CE FG HJ X9 9B
24	U090	250	T	S01 S02 T04	AB CE FG HJ X9 9B
25	U091	250	T	S01 S02 T04	AB CE FG HJ X9 9B
26	U092	250	T	S01 S02 T04	AB CE FG HJ X9 9B
27	U093	250	T	S01 S02 T04	AB CE FG HJ X9 9B
28	U094	250	T	S01 S02 T04	AB CE FG HJ X9 9B
29	U095	250	T	S01 S02 T04	AB CE FG HJ X9 9B
30	U096	250	T	S01 S02 T04	AB CE FG HJ X9 9B
31	U097	100	T	S01 S02 T04	AB CE FG HJ X9 9B
32	U098	250	T	S01 S02 T04	AB CE FG HJ X9 9B
33	U099	250	T	S01 S02 T04	AB CE FG HJ X9 9B
34	U101	250	T	S01 S02 T04	AB CE FG HJ X9 9B

EPA ID Number *(Enter from page 1)*	Secondary ID Number *(Enter from page 1)*
ILD000608471	

XIV. Description of Hazardous Wastes *(Continued; use additional sheets as necessary)*

Line Number	A. EPA HAZARDOUS WASTE NO. *(Enter Code)*	B. Estimated Annual Quantity of Waste	C. Unit of Measure *(Enter code)*	D. PROCESSES (1) PROCESS CODES *(Enter code)*	D. PROCESSES (2) PROCESS DESCRIPTION *(If a code is not entered in D(1))*
1	U102	250	T	S01 S02 T04	AB CE FG HJ X9 9B
2	U103	100	T	S01 S02 T04	AB CE FG HJ X9 9B
3	U105	250	T	S01 S02 T04	AB CE FG HJ X9 9B
4	U106	250	T	S01 S02 T04	AB CE FG HJ X9 9B
5	U107	250	T	S01 S02 T04	AB CE FG HJ X9 9B
6	U108	250	T	S01 S02 T04	AB CE FG HJ X9 9B
7	U109	250	T	S01 S02 T04	AB CE FG HJ X9 9B
8	U110	250	T	S01 S02 T04	AB CE FG HJ X9 9B
9	U111	100	T	S01 S02 T04	AB CE FG HJ X9 9B
10	U112	250	T	S01 S02 T04	AB CE FG HJ X9 9B
11	U113	250	T	S01 S02 T04	AB CE FG HJ X9 9B
12	U114	250	T	S01 S02 T04	AB CE FG HJ X9 9B
13	U116	100	T	S01 S02 T04	AB CE FG HJ X9 9B
14	U117	250	T	S01 S02 T04	AB CE FG HJ X9 9B
15	U118	250	T	S01 S02 T04	AB CE FG HJ X9 9B
16	U119	250	T	S01 S02 T04	AB CE FG HJ X9 9B
17	U120	250	T	S01 S02 T04	AB CE FG HJ X9 9B
18	U121	250	T	S01 S02 T04	AB CE FG HJ X9 9B
19	U122	250	T	S01 S02 T04	AB CE FG HJ X9 9B
20	U123	250	T	S01 S02 T04	AB CE FG HJ X9 9B
21	U124	100	T	S01 S02 T04	AB CE FG HJ X9 9B
22	U125	250	T	S01 S02 T04	AB CE FG HJ X9 9B
23	U126	250	T	S01 S02 T04	AB CE FG HJ X9 9B
24	U127	250	T	S01 S02 T04	AB CE FG HJ X9 9B
25	U128	250	T	S01 S02 T04	AB CE FG HJ X9 9B
26	U129	250	T	S01 S02 T04	AB CE FG HJ X9 9B
27	U130	250	T	S01 S02 T04	AB CE FG HJ X9 9B
28	U131	250	T	S01 S02 T04	AB CE FG HJ X9 9B
29	U132	250	T	S01 S02 T04	AB CE FG HJ X9 9B
30	U133	250	T	S01 S02 T04	AB CE FG HJ X9 9B
31	U134	250	T	S01 S02 T04	AB CE FG HJ X9 9B
32	U135	100	T	S01 S02 T04	AB CE FG HJ X9 9B
33	U136	250	T	S01 S02 T04	AB CE FG HJ X9 9B

EPA ID Number *(Enter from page 1)*: I L D 0 0 0 6 0 8 4 7 1

Secondary ID Number *(Enter from page 1)*:

XIV. Description of Hazardous Wastes *(Continued; use additional sheets as necessary)*

Line Number	A. EPA HAZARDOUS WASTE NO. (Enter Code)	B. Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)	D. PROCESSES (1) PROCESS CODES (Enter code)	D. PROCESSES (2) PROCESS DESCRIPTION (If a code is not entered in D(1))
1	U 1 3 6	100	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
2	U 1 3 7	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
3	U 1 3 8	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
5	U 1 4 0	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
6	U 1 4 1	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
7	U 1 4 2	100	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
8	U 1 4 3	100	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
9	U 1 4 4	100	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
10	U 1 4 5	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
11	U 1 4 6	100	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
12	U 1 4 7	100	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
13	U 1 4 8	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
14	U 1 4 9	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
15	U 1 5 0	100	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
16	U 1 5 1	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
17	U 1 5 2	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
18	U 1 5 3	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
19	U 1 5 4	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
20	U 1 5 5	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
21	U 1 5 6	100	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
22	U 1 5 7	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
23	U 1 5 8	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
24	U 1 5 9	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
25	U 1 6 0	100	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
26	U 1 6 1	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
27	U 1 6 2	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
28	U 1 6 3	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
29	U 1 6 4	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
30	U 1 6 5	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
31	U 1 6 6	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
32	U 1 6 7	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
33	U 1 6 8	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
34	U 1 6 9	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B

EPA ID Number *(Enter from page 1)*: I L D 0 0 0 6 0 8 4 7 1

Secondary ID Number *(Enter from page 1)*:

XIV. Description of Hazardous Wastes *(Continued; use additional sheets as necessary)*

Line Number	A. EPA HAZARDOUS WASTE NO. (Enter Code)	B. Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)	D. PROCESSES (1) PROCESS CODES (Enter code)	D. PROCESSES (2) PROCESS DESCRIPTION (If a code is not entered in D(1))
1	U 1 7 0	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
2	U 1 7 1	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
3	U 1 7 2	100	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
4	U 1 7 3	100	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
5	U 1 7 4	100	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
6	U 1 7 6	100	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
7	U 1 7 7	100	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
8	U 1 7 8	100	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
9	U 1 7 9	100	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
10	U 1 8 0	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
11	U 1 8 1	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
12	U 1 8 2	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
13	U 1 8 3	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
14	U 1 8 4	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
15	U 1 8 5	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
16	U 1 8 6	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
17	U 1 8 7	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
18	U 1 8 8	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
19	U 1 8 9	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
20	U 1 9 0	100	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
21	U 1 9 1	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
22	U 1 9 2	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
23	U 1 9 3	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
24	U 1 9 4	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
25	U 1 9 6	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
26	U 1 9 7	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
27	U 2 0 0	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
28	U 2 0 1	100	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
29	U 2 0 2	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
30	U 2 0 3	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
31	U 2 0 4	100	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
32	U 2 0 5	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
33	U 2 0 6	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
34	U 2 0 7	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
35	U 2 0 8	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B

EPA ID Number *(Enter from page 1)*: I L D 0 0 0 6 0 8 4 7 1

Secondary ID Number *(Enter from page 1)*:

XIV. Description of Hazardous Wastes *(Continued; use additional sheets as necessary)*

Line Number	A. EPA HAZARDOUS WASTE NO. (Enter Code)	B. Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)	D. PROCESSES (1) PROCESS CODES (Enter code)	D. PROCESSES (2) PROCESS DESCRIPTION (If a code is not entered in D(1))
1	U 2 0 9	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
2	U 2 1 0	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
3	U 2 1 1	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
4	U 2 1 3	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
5	U 2 1 4	100	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
6	U 2 1 5	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
7	U 2 1 6	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
8	U 2 1 7	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
9	U 2 1 8	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
10	U 2 1 9	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
11	U 2 2 0	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
12	U 2 2 1	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
13	U 2 2 2	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
14	U 2 2 3	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
15	U 2 2 5	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
16	U 2 2 6	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
17	U 2 2 7	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
18	U 2 2 8	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
19	U 2 3 4	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
20	U 2 3 5	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
21	U 2 3 6	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
22	U 2 3 7	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
23	U 2 3 8	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
24	U 2 3 9	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
25	U 2 4 0	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
26	U 2 4 3	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
27	U 2 4 4	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
28	U 2 4 6	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
29	U 2 4 7	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
30	U 2 4 8	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
31	U 2 4 9	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
32	U 2 7 1	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
33	U 2 7 7	250	T	S 0 1 S 0 2 T 0 4	AB EF GH J X9 9B
34	U 2 7 8	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B
35	U 2 7 9	250	T	S 0 1 S 0 2 T 0 4	AB CE FG HJ X9 9B

EPA ID Number *(Enter from page 1)*: I L D 0 0 0 6 0 8 4 7 1

Secondary ID Number *(Enter from page 1)*:

XIV. Description of Hazardous Wastes *(Continued; use additional sheets as necessary)*

Line Number		A. EPA HAZARDOUS WASTE NO. (Enter Code)	B. Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)	D. PROCESSES (1) PROCESS CODES (Enter code)	D. PROCESSES (2) PROCESS DESCRIPTION (If a code is not entered in D(1))
	1	U 280	250	T	S01 S02 T04	AB CE FG HJ X9 9B
	2	U 328	250	T	S01 S02 T04	AB CE FG HJ X9 9B
	3	U 353	250	T	S01 S02 T04	AB CE FG HJ X9 9B
	4	U 359	250	T	S01 S02 T04	AB CE FG HJ X9 9B
	5	U 364	250	T	S01 S02 T04	AB CE FG HJ X9 9B
	6	U 365	250	T	S01 S02 T04	AB CE FG HJ X9 9B
	7	U 366	250	T	S01 S02 T04	AB CE FG HJ X9 9B
	8	U 367	250	T	S01 S02 T04	AB CE FG HJ X9 9B
	9	U 372	250	T	S01 S02 T04	AB CE FG HJ X9 9B
1	0	U 373	250	T	S01 S02 T04	AB CE FG HJ X9 9B
1	1	U 375	250	T	S01 S02 T04	AB CE FG HJ X9 9B
1	2	U 376	250	T	S01 S02 T04	AB CE FG HJ X9 9B
1	3	U 377	250	T	S01 S02 T04	AB CE FG HJ X9 9B
1	4	U 378	250	T	S01 S02 T04	AB CE FG HJ X9 9B
1	5	U 379	250	T	S01 S02 T04	AB CE FG HJ X9 9B
1	6	U 381	250	T	S01 S02 T04	AB CE FG HJ X9 9B
1	7	U 382	250	T	S01 S02 T04	AB CE FG HJ X9 9B
1	8	U 383	250	T	S01 S02 T04	AB CE FG HJ X9 9B
1	9	U 384	250	T	S01 S02 T04	AB CE FG HJ X9 9B
2	0	U 385	250	T	S01 S02 T04	AB CE FG HJ X9 9B
2	1	U 386	250	T	S01 S02 T04	AB CE FG HJ X9 9B
2	2	U 387	250	T	S01 S02 T04	AB CE FG HJ X9 9B
2	3	U 389	250	T	S01 S02 T04	AB CE FG HJ X9 9B
2	4	U 390	250	T	S01 S02 T04	AB CE FG HJ X9 9B
2	5	U 391	250	T	S01 S02 T04	AB CE FG HJ X9 9B
2	6	U 392	250	T	S01 S02 T04	AB CE FG HJ X9 9B
2	7	U 393	250	T	S01 S02 T04	AB CE FG HJ X9 9B
2	8	U 394	250	T	S01 S02 T04	AB CE FG HJ X9 9B
2	9	U 395	250	T	S01 S02 T04	AB CE FG HJ X9 9B
3	0	U 396	250	T	S01 S02 T04	AB CE FG HJ X9 9B
3	1	U 400	250	T	S01 S02 T04	AB CE FG HJ X9 9B
3	2	U 401	250	T	S01 S02 T04	AB CE FG HJ X9 9B
3	3	U 402	250	T	S01 S02 T04	AB CE FG HJ X9 9B
3	4	U 403	250	T	S01 S02 T04	AB CE FG HJ X9 9B
3	5	U 404	250	T	S01 S02 T04	AB CE FG HJ X9 9B

EPA ID Number *(Enter from page 1)*	Secondary ID Number *(Enter from page 1)*
I L D 0 0 0 6 0 8 4 7 1	

XV. Map

Attach to this application a topographic map, or other equivalent map, of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers and other surface water bodies in this map area. See instructions for precise requirements.

XVI. Facility Drawing

All existing facilities must include a scale drawing of the facility (See instructions for more detail).

XVII. Photographs

All existing facilities must include photographs (aerial or ground-level) that clearly delineate all existing structures; existing storage, treatment and disposal areas; and sites of future storage, treatment or disposal areas (see instructions for more detail).

XVIII. Certification(s)

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Owner Signature	Date Signed 2/2/05
Name and Official Title (Type or print): Anthony Ianello, Executive Director	
Owner Signature	Date Signed 2/02/05
Name and Official Title (Type or print): John E. Lancaster, VP-General Manager	
Operator Signature	Date Signed 2/02/05
Name and Official Title (Type or print): John E. Lancaster, VP-General Manager	
Operator Signature	Date Signed
Name and Official Title (Type or print)	

XIX. Comments

Note: Mail completed form to the appropriate EPA Regional or State Office. (Refer to instructions for more information)

EPA ID Number *(Enter from page 1)*	Secondary ID Number *(Enter from page 1)*
ILD000608471	

XIV. Description of Hazardous Wastes *(Continued; use additional sheets as necessary)*

Line Number		A. EPA HAZARDOUS WASTE NO. *(Enter Code)*	B. Estimated Annual Quantity of Waste	C. Unit of Measure *(Enter code)*	D. PROCESSES (1) PROCESS CODES *(Enter code)*	D. PROCESSES (2) PROCESS DESCRIPTION *(If a code is not entered in D(1))*
1	U	407	250	T	S01 S02 T04	AB CE FG HJ X9 9B
2	U	408	15,000	T	S01 S02 T04	AB CE FG HJ X9 9B
3	U	409	250	T	S01 S02 T04	AB CE FG HJ X9 9B
4	U	410	250	T	S01 S02 T04	AB CE FG HJ X9 9B
5	U	411	250	T	S01 S02 T04	AB CE FG HJ X9 9B

XIII. Other Processes *(Follow instructions from item XII for D99, S99, T04 and X99 process codes)*

Line Number *(Enter #s in seq w/XII)*	Code *(From list above)*	A. PROCESS DESIGN CAPACITY A. Amount (specify)	A. 2. Unit of Measure *(Enter code)*	C. Process Total Number Of Units	D. Description of Process
X	T04				
11	T04	416,075.	U	001	TO4E:Treatment of D002 liquids in containers and tanks.
12	T04	5,000.	U	001	T04F: Treatment of organic peroxides in containers
13	T04	5,000.	U	001	T04G: Treatment of acid cyanides in containers
14	T04	416,075.	U	010	T04H: Treatment of hazardous waste in containers and tanks using phase separation.

XIII. Other Processes *(Follow instructions from item XII for D99, S99, T04 and X99 process codes)*

Line Number *(Enter #s in seq w/XII)*	Code *(From list above)*	A. Process Design Capacity 1. Amount *(Specify)*	A. 2. Unit of Measure *(Enter code)*	C. Process Total Number Of Units	D. Description of Process
X	T04				
15	TO4	5000	U	001	T0-4-I Treatment of Black Powder in containe
16	T04	25000	U	001	T0-4-J Treatment by the Addition of Dry Ice in containers
17	T04	1000	J	001	T0-4-K Venting of oxygen to the atmosphere

XIII. Other Processes ***(Follow instructions from item XII for D99, S99, T04 and X99 process codes)***

Line Number (Enter #s in sequence w/XII)	A. Process Design Capacity: Code (From list above)			1. Amount (Specify)	2. Unit of Measure (Enter code)	C. Process Total Number Of Units	D. Description of Process
1 8	X	9	9A	7 0 0 0	U	0 0 1	X99-A Consolidated of pain/paint-related material using a compactor
X							
1 9	X	9	9B	4 8 , 0 0 0	J	0 0 1	X99-B Hazardous waste shredding system
X							
2 0	X	9	9C	2 3 0 0	J	0 0 1	X99-C Hazardous waste lamp crushing system

RCRA PART A FORM
ADDITIONAL INFORMATION

Section VIII. Facility Owner

A. Name of Facility's Legal Owner

CHSI is the owner/operator of the hazardous waste facility. The land on which the facility is located is owned by the Illinois International Port District, a government entity.

VIII. Owner Information *(See instructions)*

A. Name of Owner

C	L	E	A	N		H	A	R	B	O	R	S		S	E	R	V	I	C	E	S		I	N	C	

Street or P.O. Box

1	1	8	0	0		S	O	U	T	H		S	T	O	N	Y	P		I	S	L	A	N	D		A	V

City or Town | **State** | **Zip Code**

C	H	I	C	A	G	O											I	L	6	0	6	1	7		

Phone Number *(Area Code and Number)*

7	7	3	-	6	4	6	-	6	2	0	2

B. Owner Type: P

C. Change of Owner Indicator: Yes [ ] No [X]

Date Changed Month [ ][ ] Day [ ][ ]

Section XII. Process Codes and Design Capacity

Line 05. Disposal in Surface Impoundments (D83)

CHSI notes that the four (4) surface impoundments identified by this entry have been certified as closed by the IL EPA. The impoundments no longer accept hazardous waste, and currently operate under an approved Post Closure management plan. A list of the waste codes which were disposed in the impoundments is included in Appendix D-30 of the approved RCRA Part B Application.

Section XIII Additonal Processes

Line 11. T04 E Treatment of D002 Liquids in Containers and Tanks

Treatment of D002 (Corrosive) liquid hazardous waste in containers and tanks by the commingling/mixing of compatible waste streams to adjust pH value. Process design capacity is 416,075 gallons per day in all tank or container systems at the facility.

Line 12. T04F Treatment of Organic Peroxides in Containers

Treatment of organic peroxide hazardous waste in containers through the additon of water. Process design capacity is 5,000 gallons per day in any container at the facility.

Rev. February 2, 2005

Clean Harbors Serivces, Inc.
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Line 13. T04G Treatment of Acid Cyanides in Containers

Treatment of acid cyanide hazardous waste in containers through pH adjustment using sodium hydroxide or other alkaline materials. Process design capacity is 5,000 gallons per day in any container at the facility.

Line 14. T04H Treatment of Hazardous Waste in Containers and Tanks Using Phase Separation

Treatment of hazardous waste in containers and tanks by phase separation using physical (e.g., gravity separation, filtration) and chemical (e.g., addition of demusifiers) techniques. Process design capacity is 416,075 gallons per day in all tank or container systems at the facility.

Line 15. T04I Treatment of Black Powder in Containers

Treatment of black powder hazardous waste in containers through the addition of water. Process design capacity is 5,000 gallons per day in any container at the facility.

Line 16. T04J Treatment by the Addition of Dry Ice in Containers

Treatment of hazardous waste in containers by the additon of dry ice. Process design capacity is 25,000 gallons per day in any container at the facility.

Line 17. T04K Venting of oxygen to the atmosphere.

Process design capacity is 1,000 pounds per hour.

Line 18. X99A Consolidation of Hazardous Waste using a Compactor

Consolidation of hazardous waste paint and paint-related material contained in small metal and glass containers by processing through a can and glass compactor. Process design capacity of the unit is 7,000 pounds per day of cans of paint and paint-related material.

Line 19. X99B Hazardous waste shredding system

Shredding of hazardous waste in containers. Process design capacity is 48,000 pounds per hour.

Line 20. X99C Hazardous waste lamp crushing system

Crushing of hazardous waste lamps. Process design capacity is 2300 pounds per hour.

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Section XIV. Description of Hazardous Waste

CHSI notes that Process Code "T01A" in Column D (2) refers to the Listed Waste Treatment System identified on Line 06 in Section XII.

CHSI also notes that Process Codes "T0A" through "T04K" refers to the various container an/or tank treatment processes described in Lines 07 through 17 in Section XIII.

Rev. March 15, 2004

STATE OF MICHIGAN

DEPARTMENT OF NATURAL RESOURCES

Nodular Iron Landfill--Type III

SOLID WASTE DISPOSAL AREA LICENSE

This license is issued under the provisions of Act 641, Public Acts of 1978, as amended, to permit the operation of a solid waste disposal area in the State of Michigan. *This license does not obviate the necessity of obtaining other clearances and permits as may be required by state law or local ordinance. It is further made a condition of this license that the applicant give notice to public utilities in accordance with Act No. 53 of the Public Acts of 1974, being sections 460.701 to 460.718 of the Michigan Compiled Laws, and comply with each of the requirements of that Act.* This facility shall not receive liquid wastes without special approval from the health department having jurisdiction or this office.

GRANTED TO: Saginaw Nodular Iron Plant

COUNTY: SAGINAW

ISSUE DATE: February 20, 1985

RESPONSIBLE PERSON TO CONTACT:

EXPIRATION DATE: (Two years from date of issue)

This license is applicable to the facility located at and described as follows: SE 1/4; Sec. 05; T12N; R05E; 41.0 acres

Saginaw Nodular Iron Plant
2100 Veterans Memorial Parkway
Saginaw, Michigan 48601-1295
ATTN: Mr. Doyle C. G. Hansen

Stipulations: 1. As a Type III facility, any waste to be accepted must have prior solid waste control agency approval, pursuant to the requirements of Rule 311, Act 641, P.A. 1978, as amended.

2. Materials classified as Type III must be resampled annually to confirm the classification, and the results must be submitted to the solid waste control agency.

This license is subject to revocation by the Director of the Department of Natural Resources for any violation of the law under which it is issued or for any violation of the rules authorized thereunder, or any stipulations noted. This license shall be available through the licensee during the entire effective date and remains the property of the Director of the Department of Natural Resources. THIS LICENSE IS NOT TRANSFERABLE.

LICENSE NO. Nº 7031

Ronald O. Skoog

Ronald O. Skoog, Director

R5503 Rev. 7/79

ILD 000608471

Clean Harbors Services, Incorporated and
Illinois International Port District
Chicago, Illinois

RCRA Permit Index

PERMIT CONDITIONS

(Note: The regulatory citations in parentheses are incorporated by reference.)

I. STANDARD CONDITIONS

A. EFFECT OF PERMIT (40 CFR 270.4 and 270.30(g))

The Permittees are allowed to manage hazardous waste in accordance with the conditions of the RCRA permit. Any management of hazardous waste not authorized in the RCRA permit is prohibited.

Compliance with the RCRA permit during its term constitutes compliance, for the purposes of enforcement, with Subtitle C of RCRA, except for those requirements not included in the permit which become effective by statute, or which are promulgated under 40 CFR Part 268, restricting the placement of hazardous waste in or on the land. Issuance of this permit does not convey property rights of any sort or any exclusive privilege; nor does it authorize any injury to persons or property, any invasion of other private rights, or any infringement of State or local law or regulations. Compliance with the terms of this permit does not constitute a defense to any order issued or any action brought under Sections 3008(a), 3008(h), 3013, or 7003 of RCRA; Sections 104, 106(a), or 107 of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended (42 U.S.C. §9601 et seq., commonly known as CERCLA); or any other law providing for protection of public health or the environment.

B. PERMIT ACTIONS (40 CFR 270.30(f))

This permit may be modified, revoked and reissued, or terminated for cause as specified in 40 CFR 270.41, 270.42, and 270.43. This permit may also be reviewed and modified by the U.S. EPA, consistent with 40 CFR 270.41, to include any terms and conditions determined necessary to protect human health and the environment pursuant to Section 3005(c)(3) of RCRA. The filing of a request for a permit modification, revocation and reissuance, or termination, or the notification of planned changes, or anticipated noncompliance on the part of the Permittees does not stay the applicability or enforceability of any permit condition. The Permittees shall not perform any construction associated with a Class 3 permit modification request until such modification request is approved and the permit modification becomes effective.

C. SEVERABILITY (40 CFR 124.16)

The provisions of this permit are severable, and if any provision of this permit, or if the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances and the remainder of this permit shall not be affected thereby.

D. DUTIES AND REQUIREMENTS

1. Duty to Comply. (40 CFR 270.30(a))

The Permittees shall comply with all conditions of this permit, except to the extent and for the duration such noncompliance is authorized by an emergency permit (See 40 CFR 270.61). Any permit noncompliance, other than noncompliance authorized by an emergency permit, constitutes a violation of RCRA and HSWA and is grounds for enforcement action, permit termination, revocation and reissuance, modification, denial of a permit renewal application, or other appropriate action.

2. Duty to Reapply. (40 CFR 270.30(b) and 40 CFR 270.10(h))

The Permittees shall submit a complete application for a new permit at least 180 days before this permit expires unless: a) the Permittees no longer wish to operate a hazardous waste management facility; b) the Permittees are no longer required to have a RCRA permit; or c) permission for a later date has been granted by the Regional Administrator. The Regional Administrator shall not grant permission for applications to be submitted later than the expiration date of the existing permit.

3. Permit Expiration. (40 CFR 270.13, 270.14, 270.50, and 270.51)

This permit and all conditions herein shall be effective for a fixed term not to exceed 10 years, and will remain in effect beyond the permit's expiration date only if the Permittees have submitted a timely, complete application (per 40 CFR 270.10 and applicable sections of 270.14 through 270.29): a) to both the U.S. EPA and the State; and b) through no fault of the Permittees, the Regional Administrator and the State have not issued a new permit, as set forth in 40 CFR 270.51.

4. Need to Halt or Reduce Activity Not a Defense. (40 CFR 270.30(c))

It shall not be a defense for the Permittees in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

5. Duty to Mitigate. (40 CFR 270.30(d))

In the event of releases or noncompliance with the permit, the Permittees shall take all reasonable steps to minimize releases to the environment and shall carry out such measures as are reasonable to prevent significant adverse impacts on human health and the environment.

6. Proper Operation and Maintenance. (40 CFR 270.30(e))

The Permittees shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the Permittees to achieve compliance with the conditions of this permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality control/quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems only when necessary to achieve compliance with the conditions of the permit.

7. Duty to Provide Information. (40 CFR 270.30(h) and 264.74)

The Permittees shall furnish to the Regional Administrator, within the time designated by the Regional Administrator, any relevant information which the Regional Administrator may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The Permittees shall also furnish to the Regional Administrator, upon request, copies of records required to be kept by this permit.

8. Inspection and Entry. (40 CFR 270.30(i))

The Permittees shall allow the Regional Administrator, or an authorized representative, upon the presentation of credentials and other documents as may be required by law to:

a. Enter at reasonable times upon the Permittees' premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;

b. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;

c. Inspect, at reasonable times, any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and

d. Sample or monitor, at reasonable times, for the purposes of assuring permit compliance, or as otherwise authorized by RCRA, any substances or parameters at any location.

9. Monitoring and Recordkeeping. (40 CFR 270.30(j), 270.31, 264.73, and 264.74)

The Permittees shall retain all reports, records, or other documents, required by this permit, and records of all data used to complete the application for this permit, for a period of at least 3 years from the date of the reports, records or other documents. These periods may be extended by request of the Regional Administrator at any time and are automatically extended during the course of any unresolved enforcement action regarding this facility.

10. Reporting Planned Changes. (40 CFR 270.30(l)(1))

The Permittees shall give notice to the Regional Administrator of any planned physical alterations or additions to the permitted facility, as soon as possible, and at least 30 days before construction of such alteration or addition is commenced.

11. Anticipated Noncompliance. (40 CFR 270.30(l)(2))

The Permittees shall give advance notice to the Regional Administrator of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements. Such notice does not constitute a waiver of the Permittees' duty to comply with permit requirements.

12. Transfer of Permits. (40 CFR 270.30(l)(3), 270.40(a), and 264.12(c))

This permit may be transferred by the Permittees to a new owner or operator only after providing notice to the Regional Administrator and only if the permit is modified, or revoked and reissued, pursuant to 40 CFR 270.40(b), 270.41(b)(2), or 270.42(a). Before transferring ownership or operation of the facility during its operating life, the Permittees shall notify the new owner or operator in writing of the requirements of 40 CFR Parts 264, 268, and 270 (including all applicable corrective action requirements), and shall provide a copy of the RCRA permit to the new owner or operator.

13. Compliance Schedules. (40 CFR 270.30(l)(5) and 270.33)

Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted to the Regional Administrator no later than 14 days following each scheduled date.

14. Twenty-four Hour Reporting. (40 CFR 270.30(l)(6) and 270.33)

The Permittees shall report to the Regional Administrator any noncompliance with this permit which may endanger human health or the environment. Any such information shall be reported orally within 24 hours from the time the Permittees become aware of the circumstances. This report shall include the following:

a. Information concerning the release of any hazardous waste which may endanger public drinking water supplies; and

b. Information concerning the release or discharge of any hazardous waste, or of a fire or explosion at the facility, which could threaten the environment or human health outside the facility. The description of the occurrence and its cause shall include:

(1) Name, address, and telephone number of the owner or operator;

(2) Name, address, and telephone number of the facility;

(3) Date, time, and type of incident;

(4) Name and quantity of material(s) involved;

(5) The extent of injuries, if any;

(6) An assessment of actual or potential hazard to the environment and human health outside the facility, where this is applicable; and

(7) Estimated quantity and disposition of recovered material that resulted from the incident.

A written submission shall also be provided within 5 days of the time the Permittees become aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period(s) of noncompliance (including exact dates and times); steps taken to minimize impact on the environment; whether the noncompliance has been corrected, and if not, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate and prevent recurrence of the noncompliance. The Permittees need not comply with the 5-day written notice requirement if the Regional Administrator waives the requirement. Upon waiver of the 5-day requirement, the Permittees shall submit a written report within 15 days of the time the Permittees become aware of the circumstances.

15. Other Noncompliance. (40 CFR 270.30(l)(10))

The Permittees shall report all other instances of noncompliance not otherwise required to be reported above within 15 days of when the Permittees become aware of the noncompliance. The reports shall contain the information listed in Condition I.D.14.

16. Other Information. (40 CFR 270.30(l)(11))

Whenever the Permittees become aware that they failed to submit any relevant facts, or submitted incorrect information to the Regional Administrator in the permit application or in any reports, records, or other documentation provided to the Regional Administrator, the Permittees shall promptly submit such facts or information.

17. Submittal of Reports or Other Information. (40 CFR 270.30(l)(7), (8), and (9), and 270.31)

All reports or other information required to be submitted pursuant to this permit shall be sent to:

Waste Management Branch, DW-8J
U.S. EPA, Region 5
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

Attention: Technical Support & Permits Section

18. All other requirements contained in RCRA, as amended, and in 40 CFR 270.30 not set forth herein are hereby fully incorporated in this permit.

E. SIGNATORY REQUIREMENT (40 CFR 270.30(k))

All reports or other information submitted to or requested by the Regional Administrator, his designee, or authorized representative, shall be signed and certified as required by 40 CFR 270.11.

F. CONFIDENTIAL INFORMATION

In accordance with 40 CFR 270.12 and 40 CFR Part 2, Subpart B, any information submitted to the U.S. EPA pursuant to this permit may be claimed as confidential by the submitter. Any such claim must be asserted at the time of submission in the manner prescribed on the application form or instructions, or, in the case of other submissions, by marking the words "Confidential Business Information" on each page containing such information.

If no claim is made at time of submission, the U.S. EPA may make the information available to the public without further notice. If a claim is asserted, the information will be treated in accordance with the procedures in 40 CFR Part 2.

G. DOCUMENTS TO BE MAINTAINED AT THE FACILITY

The Permittees shall maintain at the facility, until closure is completed and certified by an independent registered professional engineer, all items required by 40 CFR 264.73, including the following documents and all amendments, revisions, and modifications to these documents:

1. Waste Analysis Plan, as required by 40 CFR 264.13 and this permit;

2. Operating Record, as required by 40 CFR 264.73 and this permit;

3. Notifications from generators accompanying each incoming shipment of wastes subject to 40 CFR Part 268, Subpart C, that specify treatment standards, as required by 40 CFR 264.73, 268.7, and this permit; and

4. Records regarding closed-vent systems and control devices and/or equipment leaks as required by 40 CFR 264.1035, 264.1064, and 264.73, and Condition III.G. of this permit.

II. LAND DISPOSAL REQUIREMENTS

A. GENERAL CONDITIONS

1. The Permittees shall comply with all the applicable self-implementing requirements of 40 CFR Part 268 and all applicable land disposal requirements which become effective by statute (Section 3004 of RCRA).

2. A mixture of any restricted waste with nonrestricted waste(s) is a restricted waste under 40 CFR Part 268.

3. The Permittees shall not in any way dilute a restricted waste or the residual from treatment of a restricted waste as a substitute for adequate treatment to achieve compliance with 40 CFR Part 268, Subpart D, to circumvent the effective date of a prohibition in 40 CFR Part 268, Subpart C, to otherwise avoid a prohibition in 40 CFR Part 268, Subpart C, or to circumvent a land disposal prohibition imposed by Section 3004 of RCRA.

4. The Permittees shall prepare and maintain a current list of the hazardous waste codes handled by the facility that are identified in 40 CFR 268, Subparts B and C. The list shall include all waste codes handled by the facility, and any associated treatment standards, and shall be updated through the inclusion of new treatment standards, as promulgated or amended. This list shall be provided to the U.S. EPA representatives, or their designees, upon request.

5. The Permittees shall not dilute metal-bearing wastes (listed in Appendix XI of 40 CFR Part 268) during the fuel blending operations, unless you demonstrate that the waste complies with one or more of the criteria specified in 40 CFR § 268.3(c).

B. TESTING AND RELATED REQUIREMENTS

1. The Permittees must test, in accordance with 40 CFR 268.7(a), any waste generated at the facility, or use knowledge of the waste, to determine if the waste is restricted from land disposal.

2. For restricted wastes with treatment standards expressed as concentrations in the waste extract, as specified in 40 CFR 268.41, the Permittees shall test the wastes or waste residues, or extracts of such residues developed using the test methods described in Appendix II of 40 CFR Part 261 (Toxicity Characteristic Leaching Procedure, or TCLP) to assure that the wastes or waste treatment residues or extracts meet the applicable treatment standards of 40 CFR Part 268, Subpart D. Such testing shall be performed as required by 40 CFR 264.13.

3. A restricted waste for which a treatment technology is specified under 40 CFR 268.42(a) may be land disposed after it is treated using that specified technology or an equivalent treatment method approved by the Administrator under the procedures set forth in 40 CFR 268.42(b).

4. For restricted wastes with treatment standards expressed as concentrations in the waste, as specified in 40 CFR 268.43, the Permittees shall test the wastes or treatment residues (not extract of such residues) to assure that the wastes or waste treatment residues meet the applicable treatment standards of 40 CFR Part 268, Subpart D. Such testing shall be performed as required by 40 CFR 264.13.

5. The Permittees shall comply with all the applicable notification, certification, and recordkeeping requirements described in 40 CFR 268.7(a) and (b).

C. STORAGE PROHIBITIONS

1. The Permittees shall comply with all the applicable prohibitions on storage of restricted wastes specified in 40 CFR Part 268, Subpart E.

2. Except as otherwise provided in 40 CFR 268.50, the Permittees may store restricted wastes in tanks and containers solely for the purpose of the accumulation of such quantities of hazardous wastes as necessary to facilitate proper recovery, treatment, or disposal provided that:

   a. Each container is clearly marked to identify its contents and the date each period of accumulation begins; and

b. Each tank is clearly marked with a description of its contents, the quantity of each hazardous waste received, and the date each period of accumulation begins, or such information for each tank is recorded and maintained in the operating record at that facility.

3. The Permittees may store restricted wastes for up to 1 year unless the U.S. EPA or its authorized agent can demonstrate that such storage was not solely for the purpose of accumulating such quantities of hazardous waste as are necessary to facilitate proper recovery, treatment or disposal.

4. The Permittees may store restricted wastes beyond 1 year; however, the Permittees bear the burden of proving that such storage was solely for the purpose of accumulating such quantities of hazardous waste as are necessary to facilitate proper recovery, treatment or disposal.

5. The Permittees shall not store any liquid hazardous waste containing polychlorinated biphenyls (PCBs) at concentrations greater than or equal to 50 ppm unless the waste is stored in a storage facility that meets the requirements of 40 CFR 761.65(b). This waste must be removed from storage and treated or disposed as required by 40 CFR Part 268 within 1 year of the date when such wastes are first put into storage. Condition II.C.4. above, that allows storage for over 1 year with specified demonstration, does not apply to PCB wastes prohibited under 40 CFR 268.32.

III. AIR EMISSION STANDARDS (40 CFR Part 264, Subpart CC)

A. WASTE DETERMINATION

Waste determination procedures for: (1) average volatile organic (VO) concentration of a hazardous waste at the point of origination, (2) treated hazardous waste, and (3) the maximum organic vapor pressure of a hazardous waste in tanks; shall be in accordance with 40 CFR § 264.1083.

The waste determination may be waived if all hazardous wastes are treated as if they contain an average volatile organic concentration of 500 parts per million and greater by weight (ppmw) and the Subpart CC rule applies to all containers and tanks, except those exempted under 40 CFR § 264.1080.

B. GENERAL STANDARDS FOR TANKS AND CONTAINERS

The Permittees shall comply with all applicable requirements of Title 40 CFR Part 264, Subpart CC, regarding air emission standards for tanks and containers.

Under this permit, you must demonstrate, by direct measurement or approved method, that for each tank or container you claim to be exempt under Subpart CC, the average VO concentration for hazardous waste, determined in accordance with 40 CFR §§ 264.1083(a) and 265.1084(a)(2) and (3), is less than 500 ppmw. For each tank or container, you must review and update this determination in accordance with 40 CFR § 264.1082(c)(1) at least once every 12 months following the date of the initial determination. For each tank or container, you must prepare and maintain the records described in 40 CFR § 264.1089(f). These records must be maintained as part of the operating record.

C. ROLL-OFF CONTAINERS STORAGE AREA

1. The Permittees shall equip the roll-off container with a cover and a closure device to form a continous barrier over the container openings. The cover must remain closed and secure at all times except when adding and removing waste or other materials.

2. The Permittees shall implement an organic capturing system from: (1) the metal wash system, (2) sludge collection drum area, and (3) all material conveying systems.

3. The collected air stream shall be directed to a carbon adsorption system, designed to capture organic emissions in accordance with 40 CFR § 264.1033. The system shall be designed and constructed based on good engineering practices. The efficiency of the new system shall be tested in accordance with 40 CFR § 264.1032.

D. VENTILATION AND METAL CLEANING SUPPLEMENTAL ENVIRONMENTAL PROJECT

1. The Permittees shall design, construct, test, and place into operation a revised processing system. The conceptual design description referenced in attachment 32, entitled "Design Analysis of Air Pollution Control System Chicago Facility Flammable Tank Farm & Metal Wash System, and Fuel Blending/Shredding Tower System" (hereinafter referred to as the "Project"), shall be used as the basis of design.

2. The Project shall include, but not be limited to: (1) tandem drum shredders and magnetic separators, (2) enclosed conveyors and transfer chutes, (3) solid lugger bin and enclosure, (4) ventilation ductwork and (5) instrumentation and control.

3. The organic concentration in the transport ductwork shall not exceed 50% of the Lower Explosion Limit (LEL) based on the concentration of the organic constituents in the air stream. Provisions shall be incorporated into the design and maintained in accordance with the procedures recommended by the suppliers.

E. DRUM ELEVATOR AND SHREDDER

1. The drum package unit, the dual shredders with hydraulic ram, and rotary magnetic separator unit shall be totally enclosed and shall be maintained at a slightly negative pressure, except when they are down for service.

2. The conveyor/drum lift outside the building shall at have a steel pan below the unit and shall comply with the requirements as stipulated in 40 CFR § 264.175, § 264.193, § 264.195, and § 264.196.

3. Inert gas shall be supplied to the enclosure to maintain an oxygen deficient environment inside the enclosure to eliminate explosion potential.

4. Temperature and pressure shall be continuously monitored and recorded. The fire/explosion suppression system shall be installed to prevent any fire/explosion hazards resulting from shredding of metal drums.

5. If the Permittees propose changes to the Project to improve the air emission control design, the changes must be approved by the EPA Region 5 Regional Administrator. The Permittees must follow the permit modification procedures found in 40 CFR § 270.42.

F. HYDRAPULPER AND VIBRATORY SCREEN

1. The emission control from hydrapulper and the vibratory screen shall include a vent from the hydrapulper and a vent over the vibratory screen.

2. The closed vents system shall be connected to a blower for discharging the contaminated air into the Carbon Absorption System.

G. CLOSED VENT SYSTEM AND CONTROL DEVICES (Carbon Absorption)

1. The closed vent systems and control devices shall comply with the requirements in 40 CFR § 264.1087. A closed vent system shall meet the requirements of 40 CFR § 264.1033(k).

2. The Carbon Absorption System shall have a minimum availability of 95%, including downtime for routine maintenance.

3. The Carbon Absorption System shall have a minimum destruction and removal efficiency of 95%, in accordance with 40 CFR § 264.1033(c).

4. The two-bed Carbon Absorption System shall be monitored each day by a flame ionization detector to demonstrate that the units are operating in accordance with procedures referenced in Method 21 (40 CFR Part 60).

5. After the Carbon Absorption System beds are spent, the beds shall be shipped, as a hazardous waste, to a RCRA permitted facility or sent to an approved facility for regeneration. All carbon removed from the control devices shall be disposed in accordance with 40 CFR § 264.1033.

6. The closed vent system shall not include any bypass devices that could be used to divert the gas or vapor stream to the atmosphere before entering the control device.

7. A flow-indicating sensor shall be installed in each closed-vent system and monitored once each hour to record and verify that the negative pressure is being maintained in each closed vent during operation.

H. REMOVAL AND DISPOSAL OF THE DISCARDED EQUIPMENT AND APPURTENANCES

The Permittees shall submit to the Regional Administrator for approval, a plan, consisting of decontamination, removal, and final disposition of all equipment and appurtenances in conjunction with implementation of the Project.

I. DESIGN CHANGES TO THE PROJECT

If the Permittees propose changes to the Project to improve the air emission control design, Conditions III. D, E, and F may be modified with the approval of the Regional Administrator or his or her delegate. The Permittees must follow the permit modification procedures found in 40 CFR § 270.42.

J. RECORDKEEPING AND REPORTING

The Permittees shall comply with all applicable recordkeeping and reporting requirements described in 40 CFR § 264.1089 and § 264.1090.

K. NOTIFICATION OF REGULATED ACTIVITY

The Permittees shall notify the Regional Administrator of any waste management units which become subject to the requirements of 40 CFR Part 264, Subpart CC, within 30 days of startup of the regulated activity.

L. DUTY TO COMPLY WITH FUTURE REQUIREMENTS

The Permittees shall comply with all self-implementing provisions of any future air regulations promulgated under the provisions of Section 3004(n) of RCRA, as amended by HSWA.

IV. OTHER FEDERAL RCRA REQUIREMENTS

1. The Permittees shall comply with any new requirements of 40 CFR Subparts AA and BB regarding air emission standards for process vents and equipment leaks which the State of Illinois has not been authorized to administer.

2. In addition to the waste codes listed in the State-issued portion of the RCRA permit, the Permittees may handle at your facility newly listed hazardous wastes promulgated under the HSWA. All handling of these waste codes must comply with the applicable provisions of both the State-issued portion and the Federally-issued portion of the RCRA permit.

Final Permit
Clean Harbord ILD 000 608 471
Chicago, IL
Jim Blough July 5,2001

C:\clean harbor\final permit info\final permit 7-5-01 correction

WASTE MANAGEMENT BRANCH

SECRETARY	SECRETARY	SECRETARY	SECRETARY	SECRETARY	SECRETARY
TYPIST/ AUTHOR	CORRECTIVE ACTION SECTION CHIEF	TECH.SUPPO RT&PERMITS SECTION CHIEF	POL.PREV.& SPEC.INTIV SEC. CHIEF	WMB BRANCH CHIEF	WPID DIVISION DIRECTOR

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

James R. Laubsted
Clean Harbor Services
11800 SOUTHSTON Y ISLAND AVE
CHICAGO, IL 60617

COMPLETE THIS SECTION ON DELIVERY

A. Received by *(Please Print Clearly)*: FARENICKER

B. Date of Delivery: 2-6-02

C. Signature

X Farenicker ☐ Agent ☐ Addressee

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
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